

P16-0371 Panorama Project

Panorama Outbreak Management User Manual

PNS OTB 101 Outbreak Management

Version 1.0

Dated: 2018-10-18



© 2018 Nova Scotia Department of Health and Wellness

This document is a product of Nova Scotia Department of Health and Wellness. This document and its contents are protected by Canadian and international copyright laws. The contents of this document are confidential and proprietary and are provided to the recipient with the specific understanding that neither the document, nor the information, concepts, ideas, materials, and/or specifications presented herein will be used for any purpose other than the recipient's work with or for The Department of Health and Wellness. Any duplication, disclosure, or other use except as expressly authorized in writing by The Department of Health and Wellness is strictly prohibited.

The recipient acknowledges that presentation of this document conveys no rights to the intellectual property contained herein. The Department of Health and Wellness makes no warranties, either express or implied, in this document, and The Department of Health and Wellness assumes no liability for any errors, omissions, or inaccuracies included within this document. Information in this document is subject to change without notice.



TABLE OF CONTENTS

1	SEAF	RCH/CREATE OUTBREAK – OVERVIEW	1
	1.1	SEARCH OUTBREAKS	1
	1.2	PREVIEW OUTBREAKS	4
	1.3	PUT OUTBREAK INTO CONTEXT AND VIEW OUTBREAK SUMMARY	4
	1.4	CREATE OUTBREAK	5
	1.5	Update an Outbreak	8
	1.6	CLOSE OUTBREAK	9
2	OUTE	BREAK SUMMARY - OVERVIEW	12
	2.1	ADD/UPDATE OUTBREAK DISEASES	12
	2.2	OUTBREAK CLASSIFICATION SUMMARY	15
	2.3	OUTBREAK PRESET SIGNS & SYSTEMS COUNTS	16
	2.4	OUTBREAK MONITORED OUTCOME COUNT	17
	2.5	OUTBREAK EXPOSURE SUMMARY	19
	2.6	OUTBREAK INTERVENTIONS SUMMARY	20
	2.7	INVESTIGATION INTERVENTION SUMMARY	21
	2.8	OUTBREAK UDF	23
	2.9	LINK OUTBREAKS	25
3	OUTE	BREAK DETAILS - OVERVIEW	26
•	3.1		
	32		26
	3.3	DISEASE SUMMARY	
	3.4	REPORTING SOURCE	
	3.5	User Defined Form	
٨			37
4	1 1		37 37
	4.1		
	4.2	121 Add Investigation to Outbreak	/12
	13		 ۸۶
	4.4		
-			40
5			48
	5.1	VIEW SIGNS & SYMPTOMS COUNTS	48
	J.Z	OUTCOMES COUNTS	
6	OUTE	BREAK UNIDENTIFIED COUNTS	52
	6.1	RECORD UNIDENTIFIED INVESTIGATIONS	52
	6.2	RECORD UNIDENTIFIED SIGNS & SYMPTOMS COUNTS	53
	6.3	RECORD UNIDENTIFIED OUTCOME COUNTS	54
	6.4	RECORD UNIDENTIFIED INTERVENTION COUNTS	56
7	EXPC	DSURES	59
	7.1	VIEW EXPOSURE SUMMARY	59
	7.2	QUICK ENTRY – TRANSMISSION EVENT	59
	7.3	CREATE TRANSMISSION EVENT	59
8	INTE	RVENTION SUMMARY	63
	8.1	VIEW INTERVENTION SUMMARY	63
	8.2	CREATE INTERVENTION	63
9	OUTE	BREAK ADMINISTRATION	66
-	9.1	LINK OUTBREAKS	66



	9.1.1	Link a Parent Outbreak to a Child Outbreak	66
	9.1.2	Unlinking Child Outbreaks	68
9.2	Outbr	EAK PRESETS	70
	9.2.1	Preset Interventions	70
	9.2.2	Preset Signs & Symptoms	71



1 SEARCH/CREATE OUTBREAK – OVERVIEW

An outbreak is a rise in the incidence of a disease above the levels expected for that time and place. The outbreak management component of Panorama allows the user to manage a group of investigations, exposures, interventions, signs and symptoms, complications, outcomes, communications, and an outbreak team.

The outbreak management module supports the needs of investigation, monitoring, management, analysis, and reporting a communicable disease outbreak. Outbreak Management builds upon the data captured in the investigation management module. The outbreak summary captures high-level information about an outbreak, including basic outbreak description, presence of linked outbreaks, number of outbreak-related communications and summaries of subjects, outcomes, labs, signs and symptoms, exposures, interventions, and data collected using UDFs. This information is available in a consolidated view to support analysis and management of the outbreak. Outbreaks can be linked together as master (Parent) and sub-outbreaks (Child) to provide a comprehensive view of a multi-organizational outbreak.

Similarly, outbreak subject management provides an aggregate view of the investigations associated with the outbreak.

- Where the system is not prepared for the characteristics of a specific outbreak, forms and questionnaires for data collection can be created for an outbreak using User Defined Forms (UDFs) and made available to individual investigation records that are linked to the outbreak.
- Interventions, signs and symptoms, and complications can be defined for the outbreak and sent to the case management process. Outbreak level interventions, such as mass communication (for example, a boil water advisory), and mass prophylaxis and treatments can also be defined and tracked.

Additional functions include:

- 1. Tracking aggregate investigation management information includes both numerator (for example, total # ill) and denominator (for example, total # at risk) broken down by various criteria (risk group or location).
- 2. Exposure management functions which include potential sources of transmission, exposure relationships, and infection conveyance information, as required, tracking and containing an outbreak.
- 3. Outbreak link functionality.

1.1 Search Outbreaks

1. From Panorama Dashboard, click the Outbreak Tab

OR

Click Search Outbreaks from the Outbreak module Left Hand Navigation.

Note: Always search before creating an Outbreak to avoid creating duplicates.



A Threshold Notifice							n Xie: superuser for Antigonish PHO			
PANORAMA PNS Test					sdiction Notifications: 0	Help	Contact Us	My Account	Logout	
Disease Surveillance and Manage	ement									
	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INV	ENTORY	ADMIN	_	
Recent Work ▼ Search	Search O	utbreaks - B	asic					0	Ē	
Search Outbreaks Search Criteria						☆ Hide Search C	riteria			
Search Exposures Wildcard characters % (multiple letters) and _ (single letters) can be used. Wildcard-only searches not allowed. Search Lab Search by:										
✓ Outbreak	Alternate Sau		Altomata ID:							
Outbreak Summary Outbreak Details Outbreak Subject Summary	Outbreak Nam Outbreak Link	ne:	Unlinked 0	Dnly:						

Search Outbreaks – Basic screen displays.

- 2. Enter search criteria.
- 3. For more search options, scroll down to the bottom of the screen and click on the **Advanced Search hyperlink** and enter search criteria.

Advanced Criteria	★ Hide Search Criteria
Outbreak Classification:	Confirmed
Geographic Extent:	
Exposure Setting Type:	
Exposure Setting:	
Exposure Location Name:	
Exposure Source Category:	
Exposure Source Type:	Exposure Source Subtype:
Exposure ID:	
Exposure Name:	
Is Study:	
	Search Retrieve Clear Create Outbreak Basic Search



Tip: To increase efficiency when searching for a specific outbreak, remember the Outbreak ID.

4. Click Search button.



(Dutbreak Search Results											
	13 res	3 results found. Click Outbreak ID (OB ID) to view Outbreak Summary										
Row Actions: Preview Update							Create Outbreak	New Search				
	OB ID / Alternate No Outbreak Name Responsible Organization Unit					Predominant Disease	Earliest Report Date (Received)	Outbreak Status				
		2 / May-2018- Measles	May 2018 Halifax Measles	Halifax Public Health Of	ffice	Measles	2018 May 4	Open				
		4 / Hep B May 2018	Hepatitis B Outbreak	Halifax Public Health Of	ffice I	Hepatitis B	2018 May 10	Open				
		<u>Z</u>	May 2018 CZ Typhoid Outbreak - TEST	Halifax Public Health Of	ffice	Typhoid	2018 May 27	Open				

The system will display a list of Outbreak(s) matching the search criteria provided in the **Outbreak Search Results** section.

Outbreak Search Results	
0 results found. The search criteria entered did not match any results.	Create Outbreak

If no Outbreaks are found, the system will display "0 results found, The search criteria entered did not match any results" in the **Outbreak Search Results** section.

Note:

- Clicking the **New Search** button will clear both the previous search criteria and search results.
- Clicking the Clear button clears only the search criteria and not previous search results.
- Clicking the **Retrieve** button will populate the search criteria with the values used in the last search.
- The search criteria Users entered when searching for an Outbreak will not autopopulate on the **Create Outbreak** screen.
- The **Search Outbreaks** screen will retain field information that the user has entered when moving from **Basic** to **Advanced Search**.
- If a criterion is a text field, a wildcard search is allowed. Wildcard characters are % for matching multiple letters and _ for matching a single character. For example:
 - Jo%n matches John, Joan, Jon, Johan, Johnson
 - Jo_n matches John, Joan
- When searching using any of the Exposure-related search criteria, the system will search for matches in the Transmission Events associated with Outbreaks.

The **Outbreak Summary** screen may be viewed for all diseases associated to an Outbreak by clicking on the **OB No** within **OB ID/Alternate No** column of the search result.



1.2 Preview Outbreaks

1. To preview an Outbreak from the **Outbreak Search Results** section, click the radio button next to the Outbreak row.

	Outb	reak Search Res	ults								
Γ	13 results found. Click Outbreak ID (OB ID) to view Outbreak Summary.										
	Row Actions: Preview Update							Create Outbreak	New Search		
		OB ID / Alternate No	Outbreak Name	Responsible Organization Unit	•	Predominant Disease	Earliest (Receive	Report Date 🔻	Outbreak Status		
		2 / May-2018- Measles	May 2018 Halifax Measles	Halifax Public Health	Office	Measles	2018 May	4	Open		
				11 PZ B 1 P 11 W 4		11 mm B	004014	10	-		

Row Action is activated, making Preview and Update available.

2. Click Preview.

Outbreak Preview						☆ Outbreak Preview Hide
Outbreak ID:	2		Alter	nate ID	Alternate Source	
Outbreak Name:	May 2018 Halifax Measles		May	2018-Measles	Other : Test	
Responsible Organization Unit(s):	Halifax Public Health Office					
Outbreak Link Role:	Child		Prima	ry Investigator:	MacKirdy, Susan	
Outbreak Type:	Human to human transmission		Expos	sure Source:	-	
Outbreak Status:	Open		Expos	sure Location:	-	
Geographic Extent: - Encounter Group: Communicable Disease Investigation Predominant Disease: Measles			Expos	sure Setting Type:	-	
			Exposure Setting: -			
Microorganism:	-					
Outbreak Search Res	ults					
13 results found.				c	Click Outbreak ID (OB ID) to view Outbreak Summary.
Row Actions: Preview	Update				Create	Outbreak New Search
OB ID / Alternate No	Outbreak Name	Responsible Organization Unit	•	<u>Predominant</u> <u>Disease</u>	Earliest Report D	ate <u>Outbreak</u> <u>Status</u>
2 / May-2018- Measles	May 2018 Halifax Measles	Halifax Public Health	Office	Measles	2018 May 4	Open

The Outbreak Preview section opens above the Outbreak Search Results section.

1.3 Put Outbreak into Context and View Outbreak Summary

1. Click **OB ID** hyperlink within the **OB ID/Alternate No** column of the **Outbreak Search Results** section to view Outbreak Summary.



•	Outbreak Search Results										
-	3 results found. Click Outbreak ID (OB ID) to view Outbreak Summary.										
	Row Actions: Preview Update					Create Outbreak	New Search				
	OB ID / Alternate No Outbreak Name Responsible Organization Unit				Predominant Disease	Earliest Report Date (Received)	Outbreak Status				
		2 / May-2018- Measles	May 2018 Halifax Measles	Halifax Public Health Office	Measles	2018 May 4	Open				
		4 / Hep B May 2018	Hepatitis B Outbreak	Halifax Public Health Office	Hepatitis B	2018 May 10	Open				
		<u>7</u>	May 2018 CZ Typhoid Outbreak - TEST	Halifax Public Health Office	Typhoid	2018 May 27	Open				

The Outbreak Summary screen now displays and the Outbreak is put into Context.

C	Dutbreak S	Summary					?	≞
	ОВ No: <u>4</u>	OB Name: Hepatitis B Outbreak	Disease: Hepatitis B	Etiologic Agent: -	OB Status: Open			
					Reason for Deletion:	Delete	Cano	:el
0 C	utbreak Link Role: hild	Outbreak Classification: Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date: 2018 May 10			
AI	I counts are for Huma	in Subjects only.						
	Outbreak Diseas	es					\$	Hide

1.4 Create Outbreak

Note: An outbreak only becomes fully operational when an outbreak disease and outbreak reporting notification has been added. Until then, users will not be allowed to add investigations, link the outbreak, enter unidentified aggregate counts, or add outbreak presets.

1. In the Outbreaks Module, navigate to the **Left-Hand Navigation** menu and select **Search Outbreaks**.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work ✔ Search	Search Ou	utbreaks - E	asic			,	? =
Search Outbreaks	Search Criteria						≿ Hide Search Criteria
Search Exposures	Wildcard characters	% (multiple letters) and	(single letters) can b	e used. Wildcard-only s	earches not allowed.		
Search Interventions	Search by:	, , , , , , , , , , , , , , , , , , , ,	_ , ,				
Search Lab	Outbreak ID:						
✓ Outbreak	Alternate Sour		Alternate ID:				
Outbreak Summary	Alternate Sour	Ce.	Alternate ib.				
Outbreak Details	Outbreak Nam	e:					
Description	Outbreak Link	Role:	Unlinked O	nly:			
Declaration	Outbreak Type			\$			
Disease Summary	Outbreak State	us:	•				
Outbreak Team	Outbrook Sotti		•	-			
Reporting Source	Outbreak Setti			•			
User Defined Forms	Outbreak Setti	ng:	\$				
 Outbreak Subject Summary 	Responsible C To specify an Org	rganization Unit(s): ganization first click on the	e 'Find' button. Then sear	ch, or type the name of the	Organization you wish to	specify, select it and click	on 'Select' button. Then
View Counts	click 'Close' to cl	ose.					
Record Unidentified Counts	Organization	: Top Level > Level 2 (s	pecific one) > Level 3 (s	specific one) > [Selected	d Level 4 Organizatior]	Find Q
Exposure Summary	Encounter Gro	oup:		\$			
Intervention Summary	Disease:	\$					
Lab Summary	Microorganis	m:				\$	
Outbreak Communications	Discoss Lab 0						
Notes	Disease Lab C	onfirmed:	\$				
Document Management	Report Date (F	eceived) Range From	: /	/ To:		/	
Communication Templates			уууу mm	dd	уууу mm	dd	
Reporting & Analysis							
▶ Notifications					Search Retrieve	Clear Create Out	Advanced Search

Search Outbreaks – Basic screen displays.

2. Click Create Outbreak.

Create Outbreak	? E
	Submit Clear
Additional details may be entered after the outbreak has been created.	
*Required field	
Outbreak Identification	ጵ Hide
Outbreak ID: * Outbreak Name:	
Alternate Outbreak IDs	
* Alternate ID:	
* Alternate Source:	
* Other Source:	
Add Alternate ID C	lear

The Create Outbreak screen displays.

3. Enter **Outbreak Name** according to Nova Scotia's outbreak naming conventions.



4. If applicable, enter an 'Alternate ID' and 'Alternate Source'.

Note: The 'Alternate ID' and 'Alternate Source' fields are not system mandatory fields, despite having an asterix. Only fill in these sections if you have an Alternate ID and Alternate Source for this Outbreak.

- 5. Click on the Add Alternate ID button to add the Alternate ID to the summary table.
- 6. If 'Alternate Source' selected is 'Other' the 'Other Source' field is enabled and becomes a required field.
- 7. Search for a **Responsible Organization Unit** by clicking the **Find** button. Click the **Select** button once you have selected the correct Responsible Organization Unit.

Note: There can be more than one Responsible Organization Unit assigned to an Outbreak. A user can add more Responsible Organization Unit(s) after creating the Outbreak.

The Responsible Organization Unit is one of the criteria used to find matching Investigations. Only Investigations at/below selected Outbreak Responsible Organization Unit will return.

- 8. Ignore the **Study** check box. The use of the Study flag is not currently recommended.
- 9. Complete the Panorama mandatory fields marked with a red asterisk (*). Complete optional fields as required.
- 10. Outbreak Status automatically defaults to Open. Enter Status Date.
- 11. Select Outbreak Link Role.

Tip: Outbreak Link Role defaults to "Child". If this a Parent outbreak to which child outbreaks will be attached, change the default setting.

12. Enter Outbreak Onset Date if known.

Tip: Use first case of disease onset for this field.

13. In the Reporting Source section, select 'Location' or 'Other'.

Tip: User Other for reporting sources located outside the province.

14. Review information on the screen, then click **Submit**.

Screen refreshes and confirmation message 'Outbreak successfully created' displays. System also auto-assigns and displays an OB ID.



Outbreak	Description				? 🗏
0B No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Outbreak successful	lly created				
					Save Reset
*Required field					
Outbreak Ident	tification				☆ Hide
Outbreak ID: *Outbreak Name	16 Measles OB				
Alternate Out	break IDs				
* Alternate ID:					

1.5 Update an Outbreak

- 1. Search for, and locate, the Outbreak to be updated.
- 2. From the **Outbreak Search Results** section, in the **OB ID/Alternate No** column, click the radio button beside desired Outbreak to activate row actions.

Outbreak Search Results	Dutbreak Search Results					
1 results found.			Click Outbreak ID (OB ID) to view	Outbreak Summary.		
Row Actions: Preview Update		Create Outbreak New Search				
OB ID / Alternate No	Responsible Organization Unit	Predominant Disease	Earliest Report Date (Received)	Outbreak Status		
Measles OB	Nova Scotia Health Authority	Measles	-	Open		
Total: 1 Mage 1 of 1 Mage:						

3. Click Update.

Outbreak I	Description				0
OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
					Save Reset
* Required field Outbreak Identif	fication		_		🗙 Hide
Outbreak ID:	16				
* Outbreak Name:	Measles OB				
Alternate Out	oreak IDs				
* A 14 4 - 10-	- -				



The Outbreak Description screen displays.

4. Make any necessary updates, then click **Save**.

Outbreak	Description				?≞
OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Outbreak successfu	Ily updated				
* Required field					Save Reset

Screen refreshes and confirmation message 'Outbreak successfully updated" displays.

1.6 Close Outbreak

Before closing an outbreak, the following actions should be taken:

- All related investigations should be updated or closed.
- Select Outbreak Declared Over date on the Declaration screen.
- Close related work management tasks.
- 1. After setting an Outbreak in Context in the Outbreak Module, go to the Left-Hand Navigation menu and select Outbreak Description.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN	
Recent Work Search	Outbreak	Description					0	
Search Outbreaks								
Search Exposures	OR No:	OB Name:	Disease	- Etiolo	nic Agent:	OB Statue		
Search Interventions	<u>16</u>	Measles OB	Measles	Measle	es virus	Open		
Search Lab							Davis Davis	
✓ Outbreak							Save	et
Outbreak Summary	* Required field							_
Outbreak Details	Outbreak Identi	ification					A Hie	de
Description	Outbreak ID:	16						
Declaration	* Outbreak Name:	Measles OB						

The Outbreak Description screen displays.

- 2. Scroll down to **Outbreak Description** section and in the **Outbreak Status** field, select **'Closed'**.
- 3. Update **Status Date** field.



Study:	No
* Encounter Group:	Communicable Disease Investigation
* Outbreak Status:	Closed Tatus Date: 2018 08 22 yyyy mm dd
*Outbreak Classification:	Confirmed
* Outbreak Link Role:	Child
* Outbreak Type:	Human to human transmission \$
Outbreak Onset Date:	
	yyyy mm dd
Geographic Extent:	\$
Outbreak Setting Type:	\$
Outbreak Setting:	
Outbreak Description:	
	(2000 characters)
Confirmation Based On:	Link Contributing Factors: Cross Contamination
Lab	Poor Hygiene
	Poor Sanitation
	Save Reset

4. Click Save.

Study: * Encounter Group: * Outbreak Status: * Outbreak Classification:	No Communicable Disease Investigation Closed	The outbreak status is being changed to closed. Inactivation of case definitions recommended	
* Outbreak Link Role: * Outbreak Type: Outbreak Onset Date:	Child Human to human transmission		Close

A pop-up warning displays, "The Outbreak status is being changed to closed. Inactivation of case definitions recommended."

5. Click Close.

OB Name:	Disease:	Etiologic Agent:	OB Status:	
Measles OB	Measles	Measles virus	Closed	
	OB Name: Measles OB	OB Name: Disease: Measles OB Measles	OB Name: Disease: Etiologic Agent: Measles OB Measles Measles virus	OB Name: Disease: Etiologic Agent: OB Status: Measles OB Measles Measles virus Closed



Screen refreshes and confirmation message "This outbreak has a status of Closed. Please consider this when making updates to this outbreak. Outbreak successfully updated," displays.



2 OUTBREAK SUMMARY - OVERVIEW

When an outbreak is selected from the search results, the User is presented with a summary of that outbreak and is able to navigate to other areas in the outbreak to view, add, or change details. The User can choose to view the complete summary for any of the following items and return to the view of the outbreak summary:

- 1. Outbreak Diseases
- 2. Classification Summary
- 3. Outbreak Preset Signs & Symptoms Count
- 4. Outbreak Monitored Outcomes Count
- 5. Outbreak Exposure Summary
- 6. Outbreak UDFs
- 7. Linked Outbreaks

The summary view also supports deleting outbreaks. Deleting outbreaks removes all outbreak-specific information, but any pre-sets saved on an investigation from the outbreak and populated remains on the investigation record (for example, signs and symptoms).

An outbreak can only be deleted if:

- There are no investigations associated to it;
- It is not linked to another outbreak;
- It has no exposures associated to it; and
- It has no lab information associated to it.

Once the outbreak is deleted, the User is returned to the outbreak search page without an outbreak In Context. If sub-groups have been identified within the outbreak, the aggregated summary data is displayed.

2.1 Add/Update Outbreak Diseases

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Disease Summary.



Recent Work				12 No.	hi is	
✓ Search	Disease Sun	nmary				? 昌
Search Outbreaks						
Search Exposures						
Search Interventions	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Search Lab						
✓ Outbreak						Save Reset
Outbreak Summary						
Outbreak Details	* Required field					
Description	Disease Summary					
Declaration	Outbreak Onest Date:					
Disease Summary	- Outbreak Onset Date:					
Outbreak Team	Earliest Investigation C	Onset: Latest Inve	stigation Onset:	Outbreak Duration (Investigated):		
Reporting Source	-	-	-	-		
User Defined Forms	Add/Update Dise	ase				

The **Disease Summary** screen displays. From here a User can view/add/update/ assign predominant diseases /delete disease(s).

Note: Diseases can only be deleted if there is another disease. There must be at least one disease at all associated to the OB at all times.

2. To add a new disease, complete the Add/Update Disease section and click Add Disease.

Disease Summary		
Outbreak Onset Date: - Earliest Investigation Onset	:: Latest Investigation Onset:	Outbreak Duration (Investigated):
-	-	
Add/Update Disease		
* Disease:		
* Classification Authority:	\$	
Microorganism:		\$
*Lab Confirmed?	\$	
		Add Disease Clear

3. To update a disease, click the radio button beside an existing disease, click the activated **Update** button.



Disease Summary					
Outbreak Onset Date: -					
Earliest Investigation Onset: Latest Investigatio	on Onset: Outbrea	ak Duration (Invest	igated):		
Add/Update Disease					
*Disease:					
* Classification Authority:					
Microorganism:			\$		
*Lab Confirmed?					
				Add Disease Clear	
Row Actions: Update Delete Set as Predomin	nant				
Disease Classification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?	
G Measles National	Measles virus	-	Yes	\checkmark	
· · · ·	1		1		

4. Make the necessary changes to the existing disease information and click **Apply Updates.**

Disease Summary		
Outbreak Onset Date:		
-		
Earliest Investigation Onset:	Latest Investigation Onset:	Outbreak Duration (Investigated):
-		
Add/Update Disease		
* Disease:	Measles	A
* Classification Authority:	National A	Ť
Mieneeneniem		
Microorganism:	Measles virus 💠	
Genotype:	\$	
Epi Markers		
Epi Marker:	\$	
Value:		
	Add Epi Marker Clear	
	·	
Row Actions: Update	Delete	
Epi Marker	Value	
* Lab Confirmed?	Yes 🗘	
		Apply Update Clear

5. After updated / new disease information is displayed in the Disease Summary table, click **Save**.



Outbreak	Description				0 🗏
OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Outbreak successful	lly updated				
*Required field					Save Reset

Screen refreshes and confirmation message 'Outbreak successfully updated" displays.

2.2 Outbreak Classification Summary

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.

Recent Work Search Search Outbreaks	Outbreak S	ummary				,	?≞
Search Exposures Search Interventions Search Lab	OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Age Measles virus	nt: Oi Oj	3 Status: en	
Outbreak Outbreak Summary						Reason for Deletion:	Delete
Outbreak Details Description Declaration	Outbreak Link Role: Child All counts are for Huma	Outbreak Classification: Confirmed n Subjects only.	Primary Investigato	r: Primary Investig -	gator Backup: First Re	ported Date:	
Disease Summary Outbreak Team	Outbreak Disease	es					☆ Hide
Reporting Source						Disease S	Summary
User Defined Forms	Disease Class	ification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?	
Outbreak Subject Summary	Measles Nation	al	Measles virus	-	Yes	\checkmark	
View Counts							
 Record Unidentified Counts Exposure Summary 	Outbreak Classifi	cation Summary				Classification	☆ Hide Summary
Intervention Summary Lab Summary	Group		Pop. N Denom.	ot a Case Not Classifie	Case - Case d Confirmed Proba	- Case - Total ble Person	l Cases

Outbreak Summary screen displays.

2. Click **Classification Summary** hyperlink in the **Outbreak Classification Summary** section (also accessible from the left-hand navigation bar).



Recent Work	Outbreak Cl	assification	Summary					U.;	?	巨
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: 16	OB Name: Measles OB	Disease: Measles	Etic	blogic Agent: asles virus		OB Stat Open	us:		
✓ Outbreak	Classifying Disease:	Measles (Pred	lominant) / Measles v	irus					\$)	
Outbreak Summary	Responsible Organization Include Counts For: Subject Type: Include in Counts: Outbreak Classific Classifying Disease: Responsible Organizat Include in Counts:	Responsible Organization Unit: Nova Scotia Health Authority Include Counts For: Both Identified Investigations Aggregate Counts Subject Type: Human Subjects Non-Human Subjects Include in Counts: Contacts Z Case - Persons Under Investigation Display Counts Outbreak Classification Summary Classifying Disease: Measles (Predominant) / Measles virus Include Counts For: Both Subject Type: Human Subjects 								
Investigations Immunization Summary Outbreak Groups	Group		Pop. Denom.	Not a Case	Not Classified	Case - Confirmed	Case - Probable	Case - Person Under Investigatio	Total Ca	3565
 View Counts 	Measles OB		0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
 Record Unidentified Counts 	Totals:		0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	

Classification Summary screen displays. From here, the user can view/update classification information.

The user can also sort by Parent group, including Children or by each Child group.

Users can also sort by Identified and Unidentified counts. Numbers within brackets are known counts and those without brackets are unidentified counts.

2.3 Outbreak Preset Signs & Systems Counts

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.

Recent Work Search	Outbreak S	Summary				? 旦
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
✓ Outbreak Outbreak Summary					Reason for Deletion	Delete
 Outbreak Details Description 	Outbreak Link Role: Child	Outbreak Classification: Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date:	
Declaration Disease Summary	All counts are for Huma	n Subjects only.	/ Contains	Data		Y Show
Outbreak Team Reporting Source	Outbreak Disease	es		Jala		\$ Show
User Defined Forms Cutbreak Subject	Outbreak Classif	ication Summary	Contains I	Data		😸 Show
Classification Summary	Outbreak Preset	Signs & Symptoms Co	unts			☆ Hide
Investigations Immunization Summary Outbreak Groups	Sign & Symptom	Lidentified Count	l Unidentified % Invest Count Sign&Sy	igations Identified w/ mptom (Case Classifications)	Sign % of Population Identified w Sign&Symptom (All Classific	s <u>& Symptoms</u> cations)
View Counts						



The Outbreak Summary screen displays.

2. Click the **Signs & Symptoms** hyperlink in the **Outbreak Preset Signs & Symptoms Counts.** It is also accessible from the left-hand navigation.

Recent Work	Sign 8 Su	motom Co	unto				
✓ Search	Sign & Syl	mptom CC	Junis				() E
Search Outbreaks							
Search Exposures	OR No:	OB Name:		Disease.	Etiologic Agent:	OB Statue	
Search Interventions	<u>16</u>	Measles OB		Measles	Measles virus	Open	
Search Lab							
✓ Outbreak	Sign & Sympton	m Counts					
Outbreak Summary	Subject Type:		Human Subje	ects O Non-Hun	an Subjects		
 Outbreak Details 	Classifications Inc	cluded in Counter	Not Included		Included		
Description	Classifications int	ciudeu in counts.	Contact		Case - Confirmed		
Declaration			Not Classified	Add >	Case - Probable		
Disease Summary				< Remove	Case - Person Under Investigation		
Outbreak Team							Display
Reporting Source	Cian & Cumpton	Counto					
User Defined Forms	Sign & Symptom	Counts					
 Outbreak Subject Summary 	Include Child Group	ame: Measles OE Ips: -	Subject	Туре:	Human Subjects		
Classification Summary	Population Denom	inator: 0	Total Nu	mber Identified	: 0		
Investigations	Classifications inc	iuded: Case - Com	irmed, Case - Pro	bable, Case - Pe	rson Under Investigation		
Immunization Summary					Show Presets Only		Show All
Outbreak Groups	Sign & Symptom		Identified Uni	dentified % Inv	vestigations Identified w/	% of Population Identifi	ed w/
✓ View Counts	(✓ Active Preset	t)	Count	int Sign	asymptom (Selected Classifications) Signasymptom (All Cla	issifications)
Signs & Symptoms							
Complications							

The **Preset Signs & Symptoms Counts** screen displays. This page provides a summary level view of the distribution of signs and symptoms types experienced by identified and unidentified counts by percentage.

From here, Users can view/sort both Preset and Non-Preset Signs and Symptoms by Parent and/or Child Groups. Further sorting by Classification is also available.

2.4 Outbreak Monitored Outcome Count

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.



Recent Work Search Search Outbreaks	Outbreak S	ummary				?	Ē
Search Exposures Search Interventions	OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open		
Search Lab					Denne for Deletion		
Outbreak Summary					Reason for Deletion:	Delet	te
 Outbreak Details Description 	Outbreak Link Role: Child	Outbreak Classification: Confirmed	Primary Investiga	tor: Primary Investigator Backup: -	First Reported Date:	,	
Declaration	All counts are for Huma	n Subjects only.					
Disease Summary	Outbreak Disease	ae a	-√ Cont	ains Data		× 9	Show
Outbreak leam	Outbreak Diseas						
Keporing Source			(0	alaa Data		V 6	Chau
 Outbreak Subject Summary 	Outbreak Classif	cation Summary	√ Com	ains Data		\$ 5	snow
Classification Summary	Outbreak Preset	Signs & Symptoms Co	unts			¥ s	Show
Investigations							
Immunization Summary	Outbreak Preset	Complications Counts				% S	Show
Outbreak Groups							
✓ View Counts	Outbreak Monito	red Outcomes Counts				\$	Hide
Signs & Symptoms						Outco	mes
Complications	Outcome		Inidentified %	Investigations Identified w/ Outcome	% of Population Identified w/	Outcom	inico d
Outcomes		Count	Count (C	ase Classifications)	(All Classifications)	outcom	
 Record Unidentified Counts 							
Exposure Summarv							

The Outbreak Summary screen displays.

2. Click **Complications** hyperlink in the **Outbreak Monitored Outcomes Counts** section.

Recent Work	Outcome Counts	1, 1,	, , , , , ,	0 🗄
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: OB Name: 16 Measies O	Disease: B Measles	Etiologic Agent: Measles virus	OB Status: Open
▼ Outbreak	Outcome Counts			
Outbreak Summary * Outbreak Details Description Declaration Disease Summary Outbreak Team Reporting Source User Defined Forms	Subject Type: Classifications Included in Counts: Outcome Counts Outbreak Group Name: Measies C	Human Subjects Non-Hu Not Included Contact Not Classified Add >	man Subjects Included Case - Confirmed Case - Probable Case - Person Under Investigation	Display
 Outbreak Subject Summary Classification Summary Investigations Immunization Summary Outbreak Groups View Counts 	Include Child Groups: - Population Denominator: 0 Classifications Included: Case - Con Outcome	Subject Type: Total Number Identifier firmed, Case - Probable, Case - P Identified Unidentified % Count Count (Se	Human Subjects d: 0 erson Under Investigation nvestigations Identified w/ Outcome lected Classifications)	% of Population Identified w/ Outcome (All Classifications)

The **Outbreak Monitored Outcomes Counts** screen displays. This page provides a summary level view of the distribution of Preset Outcome types experienced by identified and unidentified counts by percentage.

From here, Users can view/sort both Preset and Non-Preset Outcomes by Parent and/or Child Groups. Further sorting by Classification is also available.



2.5 Outbreak Exposure Summary

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.

Recent Work Search	Outbreak S	ummary				?≞
Search Outbreaks						
Search Exposures						
Search Interventions	OB No: 16	Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Search Lab						
✓ Outbreak					Reason for Dele	tion:
Outbreak Summary						Delete
Outbreak Details						
Description	Outbreak Link Role: Child	Outbreak Classification: Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date:	
Declaration	All counts are for Human	n Subjects only				
Disease Summary	Air counts are for mania	n oubjects only.				
Outbreak Team	Outbreak Disease	es	Contains	Data		😸 Show
Reporting Source						
User Defined Forms	Outbreak Classifi	cation Summary	Contains	Data		😽 Show
 Outbreak Subject Summary 						
Classification Summary	Outbreak Preset	Signs & Symptoms Co	unts			😸 Show
Investigations						
Immunization Summary	Outbreak Preset	Complications Counts				😸 Show
Outbreak Groups						
View Counts	Outback Market					Moham
Signs & Symptoms	Outbreak Monitor	red Outcomes Counts				© Snow
Complications						
Outcomes	Outbreak Lab Sur	mmary				😸 Show
Record Unidentified Counts	Outbroak Exposu	Iro Summany	_			∧ Hide
Exposure Summary		ine Summary				
Intervention Summary					E	<u>kposure Summary</u>
Lab Summary	Transmission Event ID	Exposure Source Name Name	Transmission Tra Start End	I Exposure Location	Setting Responsible Type Orga <u>nizatio</u> r	hal Unit
Outbreak Communications						
Notes	L					

The Outbreak Summary screen displays.

2. Click Exposure Summary hyperlink in the Outbreak Exposure Summary section.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN	
Recent Work	Exposuro	Summony						
✓ Search	Exposure	Summary					U L	
Search Outbreaks								
Search Exposures								
Search Interventions	OB No: 16	Measles OB	Disease Measles	: Etiolo Measl	es virus	OB Status: Open		
Search Lab	1							
✓ Outbreak	Transmission E	vent Summary				☆ Hide Tran	smission Event Summa	ary
Outbreak Summary	0 Transmission Eve	ents Found. 0 Contacts F	ound.					_
	Row Actions:	ору				Quick Entry Create	e Transmission Event	
Description		Transmission	Start 🔶 Trar	smission End	Location Name	Setting Type	▼ <u>Invalid</u>	
Declaration								
Disease Summary								

The **Exposure Summary** displays. This page provides a summary level view of the Exposures associated to the Outbreak.



From here, the User can view/create/update and copy Transmission Events (TEs) associated to an investigation associated to the Outbreak.

2.6 Outbreak Interventions Summary

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.

Recent Work	Outbrook S	ummon/					
✓ Search	Outpreak 3	unnary				\mathcal{O}	ㅂ
Search Outbreaks							
Search Exposures	OP Not	OR Name:	Disease	Etiologic Agent:	OB Status:		
Search Interventions	<u>16</u>	Measles OB	Measles	Measles virus	Open		
Search Lab							
✓ Outbreak					Reason for Deletion:		
Outbreak Summary					\$	Delete)
Description	Outbreak Link Role: Child	Outbreak Classification: Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date:		
Declaration	All counts are for Huma	n Subjects only					
Disease Summary		n oubjooto onij.					
Outbreak Team	Outbreak Disease	es	Contains	Data		\$ SI	now
Reporting Source							
User Defined Forms	Outbreak Classifi	ication Summary	Contains	Data		\$ SI	how
 Outbreak Subject Summary 							
Classification Summary	Outbreak Preset	Signs & Symptoms Co	unts			\$ SI	now
Investigations							
Immunization Summary	Outbreak Preset	Complications Counts				\$ SI	how
Outbreak Groups							
✓ View Counts	Outbrook Monitor	rad Outcomes Counts				MS	how
Signs & Symptoms	Outbreak Monitor	red Outcomes Counts				V 01	IOW
Complications						_	_
Outcomes	Outbreak Lab Su	mmary				¥si	now
 Record Unidentified Counts 	Outbreak Exposu	Iro Summany				MS	how
Exposure Summary		ire Sullinary				• •	1011
Intervention Summary							
Lab Summary	Outbreak Interve	ntion Summary				+ «	lide
Outbreak Communications					Outbreak Interventi	on Summ	<u>ary</u>
Notes	Intervention ID	Intervention Type	rvention Subtype	ntervention Disposition	art Date End Date Primary P	rovider	
Document Management							

The Outbreak Summary screen displays.

2. Click **Outbreak Intervention Summary** hyperlink in the **Outbreak Interventions Summary** section.



Intervention Summary

⑦ 昌

OB No: 16	OB Name: Measles OB	Disease: Measles	Etiolo	gic Agent: es virus		OB Statu Open	s:	
Interventions							% H	ide Interventions
Row Actions:	Add Follow Up	Disposition	▼ <u>Sta</u>	r <u>t Date</u>	End	<u>Date</u>	Create Provid	er
Intervention S	ummary						☆ Hide Interv	ention Summary
Disease: Outbreak Group	Measles (National, Predon Measles OB \$	ninant) 🛟						
Туре	SubType		Contact N C	lot lassified	Not a Case	Case - Confirmed	Case - Probable	Case - Person Under Investigatio⊨
100 (35) refers to	100 Interventions for the Disea	ase and Group, of which 3	5 are identified.					

Interventions Summary displays. This page provides a summary level view of Interventions associated at the Outbreak level.

From here, the User can Create/Update/Follow-Up Interventions associated to an entire OB, Parent and/or individual Children.

2.7 Investigation Intervention Summary

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.



Recent Work	Outbrook S	lummon	2		ı, ,	
✓ Search	Outpreak 3	buillinary				
Search Outbreaks						
Search Exposures	OB No:	OB Name:	Disease'	Etiologic Agent:	OB Status:	
Search Interventions	<u>16</u>	Measles OB	Measles	Measles virus	Open	
Search Lab						
✓ Outbreak					Reason for Deletion:	(
Outbreak Summary					\$	Delete
Outbreak Details	Outher the Date		D. in the state		First Day and al Date.	
Description	Child	Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date:	
Declaration	All counts are for Huma	n Subjects only.				
Disease Summary						
Outbreak Team	Outbreak Diseas	es	Contains I	Data		Show \$
Reporting Source						
User Defined Forms	Outbreak Classif	ication Summary	Contains I	Data		😽 Show
 Outbreak Subject Summary 						
Classification Summary	Outbreak Preset	Signs & Symptoms Co	unts			😸 Show
Investigations						
Immunization Summary	Outbreak Preset	Complications Counts				😸 Show
Outbreak Groups						
✓ View Counts	Outbreak Monito	rad Outcomes Counts				M Show
Signs & Symptoms	Outbreak Monito	reu Outcomes Counts				Q 0110
Complications						
Outcomes	Outbreak Lab Su	mmary				\$ Show
Record Unidentified Counts	Outbreak Evenes		_			¥ Show
Exposure Summary	Outbreak Exposi	ire Summary				\$ SHOW
Intervention Summary						
Lab Summary	Outbreak Interve	ntion Summary				😸 Show
Outbreak Communications						
Notes	Investigation Inte	ervention Summary				🗙 Hide
Document Management						
Communication Templates	Intervention Type	In	tervention Subtype	Appli	ed Completed	
Reporting & Analysis						

The Outbreak Summary screen displays.

2. Scroll to Investigation Intervention Summary.

The **Investigation Intervention Summary displays** high-level Interventions created for the Outbreak but applied at the investigation/client level, as long as the intervention is documented as an Outbreak Intervention.

There is no hyperlink here. The User can access the client investigation record through the **Investigation Summary** within the **Investigations** module or from the **Investigations** screen in the Outbreak module.

3. From the Left-Hand Navigation, select Intervention Summary.



Recent Work Search	Intervention S	Summary						? =
Search Outpreaks Search Exposures Search Interventions Search Lab	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Age Measles virus	nt:	OB Statu Open	s:	
✓ Outbreak	Interventions						×۲	lide Interventions
Outbreak Summary * Outbreak Details Description Declaration	Row Actions: Add Foll	SubType	Disposition	▼ Start Date		I Date	Create Provid	e Intervention
Disease Summary	Intervention Summer	-					A Hide Inten	vention Summany
Outbreak Team	Intervention Summar	'Y						ention Summary
Reporting Source User Defined Forms	Disease: Meas Outbreak Group: Meas	les (National, Predom	inant) 🗘					
 Outbreak Subject Summary 	Туре	SubType		Contact Not Classifie	Not a Case	Case - Confirmed	Case - Probable	Case - Person
Classification Summary								Investigatio
Investigations	100 (35) refers to 100 Inter	ventions for the Disea	se and Group, of which	35 are identified.				
Immunization Summary								
Outbreak Groups								
View Counts								
Signs & Symptoms								
Complications								
Record Unidentified Counts								
Exposure Summary								
Intervention Summary								
Lob Summon								

The Intervention Summary screen displays.

From here, the User can view both the Interventions associated to the Outbreak as well as those that the Intervention(s) has been applied to.

2.8 Outbreak UDF

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Summary.



Recent Work	Outbreak S	ummary		<i>5</i> . 6		?	Ē
Search Outbreaks							
Search Exposures		1	_				
Search Interventions	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open		
Search Lab							
❤ Outbreak					Reason for Deletion:		
Outbreak Summary					(+)	Delete	
✓ Outbreak Details							
Description	Outbreak Link Role: Child	Outbreak Classification: Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date:		
Declaration	All counts are for Huma	n Subjects only.					
Disease Summary							
Outbreak Team	Outbreak Disease	es	Contains I	Data		\$ Sh	w
Reporting Source							
User Defined Forms	Outbreak Classifi	ication Summary	Contains I	Data		😽 Sh	w
 Outbreak Subject Summary 						_	
Classification Summary	Outbreak Preset	Signs & Symptoms Co	unts			😸 Sh	woi
Investigations							
Immunization Summary	Outbreak Preset	Complications Counts				😂 Sh	iow
Outbreak Groups							
✓ View Counts	Outbrook Monitor	red Outcomes Counts				V CH	014
Signs & Symptoms	Outbreak Monitol	red Outcomes Counts				V OII	Uw .
Complications						1100	
Outcomes	Outbreak Lab Su	mmary				∛ Sh	woi
Record Unidentified							
Counts	Outbreak Exposu	ire Summary				💝 Sh	woi
Exposure Summary							
Intervention Summary	Outbreak Interve	ntion Summary				💥 Sh	iow
Lab Summary							Contract of the second s
Outbreak Communications							
Notes	Investigation Inte	ervention Summary				🍣 Sh	ow
Document Management							
Communication Templates	Outbreak UDFs					\$ ^H	ide
Reporting & Analysis					Outt	oreak UD	Fs
Notifications	0 forms found.				Click on Instance ID to	view For	m.
Communications Log	Instance ID	Form Name	Version	Status Last Updated	Updated By		
Administration							

The Outbreak Summary screen displays.

2. Click Outbreak UDFs hyperlink in the Outbreak UDFs section.

					INTERIOR		
hraak I							
oreak (JDFS					(?) L	
N	OR Name	Disesso	Etial	ania Arranti	OP Status		
NO:	Measles OB	Measles	Meas	es virus	Open		
reak UDFS							
vailable Forms Available Forms							
s found.					Click	on radio button to select.	
actions: Fill	Out Form						
Form ID	Form Name	Form Description	Version Req	uired T Date Publis	hed Associate	d Files (Version)	
d Out Fo	orms					Hide Filled Out Forms	
s found.				Click on Instanc	e ID to view Form. Click	on radio button to select.	
actions: Up	date Migrate Ansv	wers to Newest Version					
Instance	Form Form	n <u>Version</u> *	Needs	Updates Allowed	Status Created	Last Updated	
	Name Desc	cription	Migration	By	By/On	By/On	
	No: reak UDFs ilable Fo s found. actions: Fill Form ID s found. actions: Up Instance	No: OB Name: Measles OB reak UDFs ilable Forms s found. actions: Fill Out Form Form ID Form Name s found. actions: Update Migrate Answ S found. actions: Update Migrate Answ Name Form Desi	No: OB Name: Measies OB Disease: Measies reak UDFs Measies OB Measies ilable Forms sfound. Form D Form Description Form ID Form Name Form Description Form Description actions: Update Migrate Answers to Nevest Version Measies Instance Form Form Form Version	No: OB Name: Measies Disease: Measies Measies reak UDFs ilable Forms s found. actions: Fill Out Form Form ID Form Name Form Description Version Req od Out Forms s found. actions: Form Name Form Description Version Req od Out Forms s found. actions: Update Migrate Answers to Newest Version Instance Form Description Version Name Form Version Migration	No: OB Name: Measles OB Disease: Measles Virus	No: OB Name: Measies OB Disease: Measies Virus Open reak UDFs Itable Forms s found. Form ID Form Name Form Description Version Required Date Published Associate Click on Instance ID to view Form. Click actions: Updates Allowed Status Click on Instance ID to view Form. Click Instance Form Mame Form Version Migration Updates Allowed Status Created BylOn	



The Outbreak UDFs screen displays.

The User can view the UDFs that are associated to the OB and can complete the Outbreak Form from the **Available Forms** section.

Forms that have been filled out or are in draft will display in the Filled Out Forms section.

2.9 Link Outbreaks

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the **Left-Hand Navigation** menu and select **Outbreak Summary**.

Sarch Outbreak Summary Sarch Cutreak Sarch Lab Outbreak Summary Outbreak Databas Outbreak Preset Complications Counts Outbreak Databas Outbreak Databas Outbreak Datas Outbreak Da	Recent Work						
Search Outbreak Sarch Interventions Search Lab OB Name: Disease: Efologic Agent: OB Status: Cynn • Outbreak Search Lab Outbreak Summay Outbreak Summay Cuthreak Classification: Primary Investigator Backup: First Reported Date: Image Status:	▼ Search	Outbreak S	Summary				? 🗉
Search Istavantions Search Istavantions Search Istavantions Search Istavantions Search Istavantions Search Istavantions Outbreak Description Description Description Outbreak Networks Outbreak Networks Outbreak Search Istavantion Search Istavantion Outbreak Outbreak Search Istavantion Outbreak Search Istavantion Outbreak Search Istavantion Outbreak Outbreak S	Search Outbreaks		-				
Search Lab OB Name: Measies Disease: Measies Etiologic Agent: Outpreak OB Status: Outpreak Outbreak Outbreak Confirmed	Search Exposures						
Search Lab Reason for Deletion:	Search Interventions	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Outbreak Dutbreak Custoreak	Search Lab	1					
Outbreak Summary Outbreak Datalia Description Description Outbreak Intervention Summary Outbreak Classifications Outbreak Classifications Outbreak Classifications Outbreak Summary Outbreak Subject Summary Outbreak Subject Summary Outbreak Classifications Outbreak Preset Signs & Symptoms Counts Outbreak Preset Complications Counts Outbreak Classifications Outbreak Classifications Outbreak Classifications Outbreak Annotered Outbreak Annotered Outbreak Monitored Outbreak Classifications Outbreak Lab Summary Outbreak Intervention Summary Outb	✓ Outbreak					Reason for De	letion:
• Outbreak Details Description Description Description Description Description Description Description Description Description Outbreak Taam Outbreak Diseases Summary Outbreak Statem Outbreak Diseases Reporting Source Outbreak Classification Summary • Outbreak Stateget Outbreak Classification Summary • Classification Summary Outbreak Classification Summary • Classification Summary Outbreak Classification Summary • New Counts Signs & Symptoms • Outbreak Lab Summary Outbreak Counts • Record Unidentified Counts Outbreak Lab Summary • Record Unidentified Counts Outbreak Intervention Summary • Document Management Outbreak UDFs • Reporting & Analysis Outbreak Summary • Reporting & Analysis Show • Notified Counts Show • Outbreak UDFs Show	Outbreak Summary						Delete
Description Outbreak Link Role: Outbreak Classification: Primary Investigator: Primary Investigator Backup: First Reported Date: Declaration Declaration Outbreak Classification: Primary Investigator Backup: First Reported Date: Declaration Declaration Outbreak Classification: Primary Investigator Backup: First Reported Date: Declaration Declaration Outbreak Classification onto Stress Contains Data Stress Outbreak Classification Summary Outbreak Classification Summary Contains Data Stress Stress Outbreak Subject Outbreak Preset Signs & Symptoms Counts Stress Stress Stress Outbreak Clossifications Outbreak Classifications Counts Stress Stress Stress Outbreak Counts Outbreak Counts Stress Stress Stress Stress Outbreak Complications Outbreak Lab Summary Outbreak Lab Summary Stress Stress Outbreak Communication Outbreak Lab Summary Stress Stress Stress Stress Outbreak Communication Outbreak Lab Summary Stress Stress Stress Stress<	Outbreak Details						
Dadiarstion All counts are for Human Subjects only. Outbreak Team Qutbreak Diseases Contains Data Show Outbreak Subject Classification Summary Coutbreak Subject Classification Summary Coutbreak Subject Coutbreak Repeting Summary Classification Summary Classification Summary Clustreak Repeting Summary Clustreak Repeting Summary Clustreak Repeting Summary Clustreak Repeting Summary Clustreak Monitored Outcomes Counts Symptoms Coutbreak Lab Summary Outbreak Lab Summary Outbreak Lab Summary Outbreak Intervention Summary Coutbreak Intervention Summary Clustreak Intervention Summary Clustreak Intervention Summary Clustreak Intervention Summary Show Intervention Summary Coutbreak Intervention Summary Intervention Summary Show Outbreak Intervention Summary Show Document Management Communications Log Notifications Click Outbreak Summary Show Notifications Clustreak Di Di over Outbreak Summary Intervention Summary Clustreak ID	Description	Outbreak Link Role: Child	Outbreak Classification: Confirmed	Primary Investigator:	Primary Investigator Backup: -	First Reported Date:	
Disease Summary Outbreak Team Reporting Source Outbreak Diseases User Defined Forms Outbreak Classification Summary • Outbreak Subject Outbreak Classification Summary Classification Summary Outbreak Preset Signs & Symptoms Counts • View Counts Outbreak Preset Complications Counts • View Counts Outbreak Monitored Outcomes Counts • View Counts Outbreak Lab Summary • Outbreak Lab Summary Outbreak Intervention Summary Intervention Summary Outbreak Intervention Summary • Document Management Outbreak UDFs • Reporting & Analysis Investigation Intervention Summary • Notefing Counts Show Outbreak UDFs Show Outbreak ID bie works Counts Show Outbreak ID bie works Summary Show Outbreak ID bie works Summary Show Outbreak Intervention Summary Show Outbreak ID bie works Summary Show Outbreak ID	Declaration	All counts are for Huma	in Subjects only.				
Outbreak Team Outbreak Diseases Contains Data Show User Defined Forms Outbreak Classification Summary Contains Data Show Outbreak Subject Outbreak Classification Summary Contains Data Show Outbreak Vabject Outbreak Preset Signs & Symptoms Counts Show Outbreak Roups Outbreak Preset Complications Counts Show Outbreak Roups Outbreak Preset Complications Counts Show Outbreak Roups Outbreak Monitored Outcomes Counts Show Outbreak Lab Summary Outbreak Lab Summary Show Outbreak Lab Summary Outbreak Lab Summary Show Outbreak Lab Summary Outbreak Lab Summary Show Outbreak Intervention Summary Outbreak Intervention Summary Show Intervention Summary Outbreak Intervention Summary Show Outbreak Intervention Summary Outbreak Show Show Notes Investigation Intervention Summary Show Document Management Outbreak IDFs Show Communications Log Administration Show Outbreak Summary Notifications Click Outbreak Name Relationskip Predominant Disease Communications Log Click Outbreak Name Relationship	Disease Summary						
Reporting Source User Defined Forms Outbreak Classification Summary Contains Data Show Coubreak Subject Outbreak Classification Summary Outbreak Symptoms Counts Show Classification Summary Outbreak Preset Signs & Symptoms Counts Show View Counts Outbreak Preset Complications Counts Show View Counts Outbreak Monitored Outcomes Counts Show Signs & Symptoms Outbreak Lab Summary Show Outbreak Lab Summary Outbreak Lab Summary Show Outbreak Communications Outbreak Lab Summary Show Notes Investigation Intervention Summary Show Notes Investigation Intervention Summary Show Notes Investigation Intervention Summary Show Notes Outbreak UDFs Show Notifications Outbreak Intervention Summary Show Notifications Outbreak ID Outbreak Summary Show	Outbreak Team	Outbreak Diseas	es	Contains	Data		🕇 Show
User Defined Forms Outbreak Classification Summary ✓ Contains Data Show * Outbreak Subject Outbreak Classification Summary ✓ Contains Data Show Classification Summary Outbreak Preset Signs & Symptoms Counts Show * View Counts Outbreak Monitored Outcomes Counts Show * View Counts Outbreak Lab Summary Outbreak Counts Signs & Symptoms Outbreak Lab Summary Show • Report Unidentified Outbreak Lab Summary Show • Netes Outbreak Intervention Summary Show • Outbreak Communications Investigation Intervention Summary Show • Notes Investigation Intervention Summary Show • Notifications Outbreak UDFs Show • Notifications Log Linked Outbreak Summary Show • Notifications Outbreak ID to view Outbreak Summary Show • Communications Outbreak UDFs Show • Communications Show Show • Notifications Outbreak UDFs Show • Communications Show Show • Doutbreak UDFs Show Show	Reporting Source						
• Outbreak Subject Summary Classification Summary Investigations Outbreak Preset Signs & Symptoms Counts Show • Outbreak Groups Outbreak Preset Complications Counts Show • View Counts Outbreak Monitored Outcomes Counts Show • Outbreak Intervention Summary Outbreak Lab Summary Outbreak Lab Summary Show • Record Unidentified Counts Outbreak Lab Summary Show • View Record Unidentified Counts Outbreak Lab Summary Show • Dutbreak Communications Outbreak Intervention Summary Show • Document Management Outbreak UDFs Show • Notifications Outbreak Summary Show • Notifications Communications Log Administration • Administration Outbreak Summary Show	User Defined Forms	Outbreak Classif	ication Summary	🗸 Contains	Data		🕇 Show
Classification Summary Outbreak Preset Signs & Symptoms Counts \$ \$ \$ how Immunization Summary Outbreak Preset Complications Counts \$ \$ \$ how View Counts Signs & Symptoms Outbreak Monitored Outcomes Counts \$ \$ \$ \$ how View Counts Outbreak Monitored Outcomes Counts \$ \$ \$ \$ \$ \$ \$ how Outbreak Asymptoms Outbreak Monitored Outcomes Counts \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	 Outbreak Subject Summary 						
Investigations Immunization Summary Outbreak Groups Outbreak Preset Complications Counts View Counts Outbreak Monitored Outcomes Counts Signs & Symptoms Outbreak Monitored Outcomes Counts Complications Outbreak Lab Summary Outbreak Lab Summary Show Intervention Summary Outbreak Intervention Summary Intervention Summary Outbreak Intervention Summary Outbreak Communications Investigation Intervention Summary Notes Investigation Intervention Summary Document Management Outbreak UDFs Communications Log Outbreak Summary Notifications Communication Templates Outbreak ID to view Outbreak Summary Show Outbreak ID to view Outbreak Name Predominant Disease Primary Investigator Primary Investigator Primary	Classification Summary	Outbreak Preset	Signs & Symptoms Co	ounts			Show
Immunization Summary Outbreak Groups Outbreak Preset Complications Counts \$ Show View Counts Signs & Symptoms Complications Outcomes Outbreak Monitored Outcomes Counts \$ Show Outbreak Lab Summary Intervention Summary Lab Summary Outbreak Communications Outbreak Lab Summary \$ Show Notes Investigation Intervention Summary \$ Show Document Management Outbreak UDFs \$ Show Communications Notes Investigation Intervention Summary \$ Show Notifications Communications Log Outbreak ID to view Outbreak Summary \$ Show Outbreak ID to view Outbreak Summary \$ Show \$ Show	Investigations						
Outbreak Groups View Counts Signs & Symptoms Complications Outbreak Monitored Outcomes Counts Outbreak Lab Summary Counts Counts Outbreak Lab Summary Intervention Summary Outbreak UDFs * Reporting & Analysis Notifications Communications Log Click Outbreaks Cick Outbreak ID to view Outbreak Summary Outbreak ID to view Outbreak Summary Outbreak ID to view Outbreak Summary Outbreak ID outbreak Name	Immunization Summary	Outbreak Preset	Complications Counts	:			😸 Show
View Counts Outbreak Monitored Outcomes Counts	Outbreak Groups						
Signs & Symptoms Cuttorial Monitorial Calconnes Complications Outbreak Lab Summary V Record Unidentified Counts Counts Outbreak Exposure Summary Intervention Summary Show Uatbreak Intervention Summary Show Outbreak Intervention Summary Show Outbreak Communications Investigation Intervention Summary Vottreak Communications Outbreak Intervention Summary Vottreak Communications Outbreak Intervention Summary Vottreak Communications Investigation Intervention Summary Vottreak UDFs Show Vottreak UDFs Show Communications Log Click Outbreak Summary Administration Outbreak Name	View Counts	Outbreak Monito	red Outcomes Counts				X Show
Complications Outbreak Lab Summary \$ Show Countes Outbreak Lab Summary \$ Show Exposure Summary Outbreak Exposure Summary \$ Show Intervention Summary Outbreak Intervention Summary \$ Show Outbreak Communications Outbreak Intervention Summary \$ Show Vottreak Communications Investigation Intervention Summary \$ Show > Document Management Outbreak UDFs \$ Show Communications Log Outbreak ID to view Outbreak Summary \$ Show > Administration Outbreak ID to view Outbreak Summary \$ Primary Investigator Backup \$ Date Linked	Signs & Symptoms	outbroak monito					•
Outcomes Outbreak Lab Summary Show Record Unidentified Counts Outbreak Lab Summary Show Exposure Summary Outbreak Exposure Summary Show Intervention Summary Outbreak Intervention Summary Show Outbreak Communications Investigation Intervention Summary Show Votreak Communications Investigation Intervention Summary Show Votbreak Management Outbreak UDFs Show Communication Templates Outbreak UDFs Show Notifications Investigation Intervention Summary Show Communications Log Click Outbreak ID to view Outbreak Summary Administration	Complications						Mai
Record Unidentified Counts Outbreak Exposure Summary Exposure Summary Outbreak Exposure Summary Intervention Summary Outbreak Intervention Summary Cubreak Communications Investigation Intervention Summary Notes Investigation Intervention Summary Document Management Outbreak UDFs Communication Templates Outbreak UDFs Notifications Show Communications Log Linked Outbreak Summary Administration Outbreak ID outbreak Name	Outcomes	Outbreak Lab Su	mmary				Show
Counts Outbreak Exposure Summary \$ Show Exposure Summary Outbreak Exposure Summary \$ Show Intervention Summary Outbreak Intervention Summary \$ Show Outbreak Communications Investigation Intervention Summary \$ Show Notes Investigation Intervention Summary \$ Show > Document Management \$ Show \$ Show Communication Templates Outbreak UDFs \$ Show > Notifications \$ Show \$ Show Communications Log Linked Outbreak Summary \$ Hide > Administration Outbreak ID outbreak Name Relationship Predominant Disease	Record Unidentified						
Exposure summary Intervention Summary Lab Summary Outbreak Intervention Summary Outbreak Communications Notes Investigation Intervention Summary > Document Management Communication Templates Outbreak UDFs > Reporting & Analysis > Notifications Communications Log > Administration		Outbreak Exposi	ure Summary				🕇 Show
Intervention Summary Utbreak Intervention Summary Show Outbreak Communications Investigation Intervention Summary Show Notes Investigation Intervention Summary Show > Document Management Outbreak UDFs Show Communications Templates Outbreak UDFs Show > Notifications Investigation Intervention Summary Show Communications Log Linked Outbreaks Administration Outbreak ID Outbreak Name Relationship Outbreak ID Outbreak Name Relationship							
Lab Summary Outbreak Communications Notes Investigation Intervention Summary > Document Management Communication Templates Outbreak UDFs > Reporting & Analysis > Notifications Communications Log > Administration Click Outbreak ID to view Outbreak Summary Outbreak ID Outbreak ID Outbreak ID Outbreak ID Outbreak ID Outbreak Name Relationship Predominant Disease Primary Investigator Primary Investigator Outbreak ID	Intervention Summary	Outbreak Interve	ntion Summary				😸 Show
Notes Investigation Intervention Summary \$ Show > Document Management \$ Show Communication Templates Outbreak UDFs \$ Show > Reporting & Analysis \$ Show > Notifications \$ Linked Outbreaks \$ Hide Communications Log Click Outbreak ID to view Outbreak Summary \$ Outbreak ID to view Outbreak Name Administration Outbreak ID Outbreak Name Relationship	Lab Summary						
Notes Investigation Intervention Summary > Document Management Communication Templates > Reporting & Analysis > Notifications Communication S Log > Administration Click Outbreak ID to view Outbreak Summary Outbreak ID outbreak Name Relationship Predominant Disease Primary Investigator Primary Investigator Outbreak ID	Notes	Investigation Int	prontion Summany				X Show
Continuit management Communication Templates Reporting & Analysis Notifications Communications Log Administration Click Outbreak ID to view Outbreak Summary Outbreak ID	Notes	Investigation inte	ervention Summary				Ç CIION
Communication rempinetes Outbreak UDFs Show > Reporting & Analysis Inked Outbreaks Show > Notifications Communication Log Click Outbreak ID to view Outbreak Summary > Administration Click Outbreak ID to view Outbreak Summary Outbreak ID outbreak Name	Communication Templates						
 Notifications Communications Log Administration Click Outbreak ID to view Outbreak Summary Outbreak ID Outbreak ID Outbreak ID Outbreak ID Outbreak Name Relationship Predominant Disease Primary Investigator Primary Investigator Primary Investigator 	Reporting & Analysis	Outbreak UDFs					Show 🕈
Communications Log ▶ Administration Linked Outbreaks Citck Outbreak ID to view Outbreak Summary Outbreak ID outbreak Name Relationship Predominant Disease Primary Investigator Primary Investigator Backup Date Linked	Notifications						
Administration Click Outbreak ID to view Outbreak Summary Outbreak ID Outbreak Name Relationship Predominant Disease Primary Investigator Primary Investigator Backup Date Linked	Communications Log	Linked Outbreak	s				A Hide
Outbreak ID Outbreak Name Relationship Predominant Disease Primary Investigator Primary Investigator Backup Date Linked	Administration	Click Outbreak ID to	view Outbreak Summary				
	Administration	Outbreak ID Out	break Name Rela <u>tionshi</u>	p Predominant Diseas	e Primary Investigat <u>or Pr</u>	imary Investigator Backup	Date Linked

The Outbreak Summary screen displays.

2. Scroll to the **Linked Outbreaks** section which displays all Outbreaks linked to the Outbreak in Context.

There is no hyperlink in this section. **Linking Outbreaks** is done within the <u>Administration</u> <u>screen</u>. A Parent Outbreak must be created in order to link related child outbreaks.



3 OUTBREAK DETAILS - OVERVIEW

The **Outbreak Details** section has the remaining tasks to complete the initial creation of an Outbreak record.

3.1 Description

With an outbreak in context, a user can view and revise the description of the outbreak and also view the history of the Responsible Organization.

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Description under Outbreak Details.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN	
Recent Work	Outbreak	Description						? 昌
Search Outbreaks Search Exposures	-							
Search Interventions	OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiolo Measle	gic Agent: es virus	OB Status: Open		
✓ Outbreak							Save	Reset
Outbreak Summary	*Required field							
Outbreak Details	Outbreak Ident	ification						☆ Hide
Description	Outbreak ID:	16						
Declaration	* Outbreak Name:	Measles OB						
Disease Summary Outbreak Team	Alternate Out	break IDs						
Reporting Source	* Alternate ID:							
User Defined Forms	* Alternate Source	e: 📫						
 Outbreak Subject Summary 	* Other Source:							
Classification Summary						Add Alternate ID	Clear	
Investigations								
Immunization Summary	Row Actions:	Indate Delete						

The **Outbreak Description** screen displays. The majority of the Outbreak Description fields will have been completed when creating an Outbreak. Reference <u>Section 2.1</u> to update the Outbreak Description.

3.2 Declaration

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Declaration under Outbreak Details.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work Search Search Outbreaks	Declaratio	n					0 🗏
Search Exposures Search Interventions Search Lab	OB No: <u>16</u>	OB Name: Measles OB	Disease Measles	Etiolo Measie	gic Agent: es virus	OB Status: Open	Saua Bosat
✓ Outbreak							Save Reset
Outbreak Summary	*Required field						
✓ Outbreak Details Description	Declaration						
Declaration	Declaring Organiz	ation Nova Costia Hook	th Authority				Clear Org
Disease Summary	To specify an Organiz	ation: Nova Scotta Heat	th Authonity d' button. Then search, or	type the name of the Org	anization you wish to speci	fy, select it and click on "	Select' button. Then click
Outbreak Team	'Close' to close.						Find Q
	Organization: Pa	norama Cloud > Provinc	e of Nova Scotia > Dep	artment of Health and \	Wellness > [Nova Scotia	a Health Authority]	Find
Oser Defined Forms Outbreak Subject Summary	Туре Sea	arch					Close 🔀
Classification Summary Investigations Immunization Summary Outbreak Groups	Organization N	Start typi Select the lame:	ing the name of the Organ e match with the keyboard	ization. Matches will begi or mouse.	in to appear below.		Show Info
 View Counts Signs & Symptoms 							Select
Complications Outcomes	* Outbreak Declar	ed By: in 'Declared Organizati	on'):				Clear Provider
Record Unidentified Counts	Click Find to sele	ect a provider:					Find Q
Exposure Summary Intervention Summary Lab Summary	• Other: PNS						
Outbreak Communications	Date Outbreak Dec	clared:		Date Outbr	eak Declared 'Over':	1	#
Notes		2000/	mm dd		10		dd
Document Management	Outbrack Duration				y:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Communication Templates	Outbreak Duration	(Declared): n/a					
Reporting & Analysis	Date First Report F	Received:					
Notifications							
Communications Log							Save Reset

The **Declaration** screen displays.

- 2. Enter Outbreak Declaration information: Declaring Organization, Outbreak Declared By, and Date Outbreak Declared, if applicable.
- 3. Click Save.

Declaratio	วท				? 🗏
OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Dutbreak successfu	Illy updated				Save Reset

Screen refreshes and confirmation message "Outbreak successfully updated" displays.



3.3 Disease Summary

This screen allows users to view or edit details regarding the disease(s) of the outbreak in context.

Note: An outbreak only becomes fully operational when an outbreak disease and outbreak reporting notification has been added. Until then, users will not be allowed to add investigations, link the outbreak, enter unidentified aggregate counts, or add outbreak presets.

1. After setting an Outbreak in Context in the Outbreak Module, naviga to the Left-Hand Navigation menu and select Disease Summary under Outbreak Details.

Recent Work	Disease S	Summary		,	· · · · · · · · · · · · · · · · · · ·	? E			
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open				
 Outbreak Outbreak Summary Outbreak Details 	*Required field					Save Reset			
Description Declaration Disease Summary	Description Disease Summary Declaration Outbreak Onset Date: Disease Summary -								
Outbreak Team Reporting Source User Defined Forms * Outbreak Subject Summary Classification Summary	Earliest Investigat - Add/Update D * Disease: * Classification Au	ion Onset: Latest Inves - Visease (Influenza uthority: (National +)	stigation Onset: Out	tbreak Duration (Investigated):				
Investigations Immunization Summary Outbreak Groups View Counts	Microorganism: *Lab Confirmed?	Yes \$	•		Add	Disease Clear			
Signs & Symptoms Complications Outcomes P Record Unidentified Counts	Row Actions:	pdate Delete Set as Pre Classification Authority National	Etiologic Agent Measles virus	Epi Markers Lab (- Yes	Confirmed? Predominar	nt Disease?			
Exposure Summary									

The **Disease Summary** screen displays.

2. Additional diseases can be added to the Outbreak by entering all relevant information, then click **Add Disease.**

Row	Row Actions: Update Delete Set as Predominant										
	Disease	Classification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?					
0	Measles	National	Measles virus	-	Yes	\checkmark					
0	Influenza	National	-	-	Yes						
		·									
						Save Reset					



The new disease is added to the Disease Table below.

3. Existing diseases can be updated by clicking the button beside the disease and activating the Row Actions, and then clicking **Update**.

Ro	Row Actions: Update Delete Set as Predominant										
	Disease	Classification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?					
0	Measles	National	Measles virus	-	Yes	\checkmark					
0	Influenza	National	-	-	Yes						

4. Enter any updates in the disease information populated in the fields above, followed by clicking **Apply Update**.

Add/Update Disease			
* Disease:	Measles +		
* Classification Authority:	National 🗘		
Microorganism:	Measles virus 💲		
Genotype:	*		
Epi Markers			
Epi Marker: Value:	;		
	Add Epi Marker Clear		
Row Actions: Update	Delete		
Epi Marker	Value		
* Lab Confirmed?	Yes \$		
		Apply Update	Clear

Changes will be reflected in the updated Disease Table.

 When there are more than 1 disease in the table, the predominant disease can be changed by clicking the radio button beside the disease to be changed to Predominant Disease, then clicking Set as Predominant button.

i	Row Actions: Update Delete Set as Predominant										
		Disease	Classification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?				
	0	Measles	National	Measles virus	-	Yes	\checkmark				
	0	Influenza	National	-	-	Yes					
-		•	1			1	1				



The Predominate Disease now moves to the top of the table and has the Predominant Disease check beside it.

	Row Actions: Update Delete Set as Predominant								
Disease Classification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?					
O Influenza National	-	-	Yes	\checkmark					
Measles National	Measles virus	-	Yes						

6. To delete a disease, the User clicks the button beside the disease to delete then clicks **Delete**.

Row Actions: Update Delete Set as Predominant								
	Disease	Classification Authority	Etiologic Agent	Epi Markers	Lab Confirmed?	Predominant Disease?		
0	Influenza	National	-	-	Yes	\checkmark		
0	Measles	National	Measles virus	-	Yes			

The disease will be removed from the table.

Row	Row Actions: Update Delete Set as Predominant								
	op	date Delete Set as Predomin	am						
	Disease Classification Authority		Etiologic Agent	Epi Markers Lab Confirmed?		Predominant Disease?			
0	Influenza	National	-	-	Yes	\checkmark			

Note:

- The Delete and Set as Predominant Disease activate only when there is more than one disease in the table.
- The disease checked as Predominant Disease cannot be deleted.
- 7. Once all information has been added and/or updates have been made, click **Save**.

B No:	OB Name:	Disease:	Etiologic Agent:	OB Status:	
6	Measles OB	Measles	Measles virus	Open	



Screen refreshes and confirmation message "Outbreak Disease(s) successfully saved" displays.

Workgroup Membership			🗙 Hide Workg	group Administrators			
Security Role: PHI_OBI Search Clear							
Row Actions: Update External User Remove	Assign Role						
Name (User or Workgroup)	Identifier	Organizational Name/Details	Supervisor	Role			
C Xie,Lauren	xiel12	Antigonish Public Health Office		OB_ADMIN			
O MacKirdy, Susan	mackirse	Nova Scotia Health Authority		РНІ_ОВІ			
Total: 2 Page 1 of 1			Jump to p	bage:			
Parent Workgroups: Aride Parent Workgroups							
Parent Workgroups:							
Workgroup Administrators			🗙 Hide Workç	group Administrators			
To be a Workgroup Administrator the user must alrea	dy be a member of	the workgroup, as specified above:					
* Workgroup Administrator:	Xie,Laur	Xie,Lauren / Antigonish Public Health Office					
Workgroup Administrator 2:	Select an	n option					
			Submit	Copy Reset			

The Team Member is now assigned to the Security Role in the Workgroup Membership table. The User can assign this role to other Team Members and/or click **Search** again to **Select and Return** a different role to assign as needed.

8. Once all team members have been assigned a role and at least 1 Workgroup Administrator has been assigned, Click **Submit**.

Vi	ew/Update Workgroup	?	
Wor	kgroup updated successfully.		
*Re	equired field		

Page refreshes and confirmation message "Workgroup updated successfully" displays.

9. To navigate back to the Outbreak Module, Select the **Outbreak** Tab from the Top Navigation Bar, or click on recent work, or the **Outbreak ID** hyperlink to put the outbreak in Context.


3.4 Reporting Source

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Reporting Source under Outbreak Details.

When initially creating the Outbreak, it is mandatory to enter **Provider**, **Location**, or **Other** as a Reporting Source, and therefore this section should already contain information.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work Search	Reporting	Source	1		,,		? =
Search Exposures Search Interventions Search Lab	0B No: 16	OB Name: Measles OB	Disease: Measles	Etiolog Measle	gic Agent: es virus	OB Status: Open	
✓ Outbreak							Save Reset
Outbreak Summary	Reporting Source Provider Click Find to selec Provider: Location	: t a provider:					Find Q
Reporting Source	To specify a Servic 'Select' button The	e Delivery Location first c	lick on the 'Find' button. Th	hen search, or type the na	me of the Service Delivery	Location you wish to spe	ecify, select it and click on
User Defined Forms		in chest close to close.					
Outbreak Subject Summary	Service Delive	ry Location: Top Level	> Level 2 (specific one)	> Level 3 (specific one)	> [Selected Level 3 Lo	ocation]	Find Q
View Counts							
Record Unidentified Counts	Other						
Exposure Summary	Type of Reporting S	ource:		\$			
Intervention Summary	Method of Notificati	on:		\$			
Lab Summary	* At least one of the	e following dates is re	quired:				
Outbreak Communications	Report Date (Sent):	/	/	Report Date	(Received):	/ /	III
Notes		уууу mm	n dd		уууу	mm dd	
Document Management						A	dd Notification Clear
Communication Templates							
Reporting & Analysis	Row Actions: Up	date Delete					
Notifications	Reporting So	ource 🔶 <u>Type of R</u>	eporting Source	Report Date (Sent)	Report Date (R	eceived) 🔨 Meti	hod of Notification
Communications Log							
Administration	PNS			2018 Aug 22			
							Save Reset

Reporting Source page displays. From this screen Reporting Sources can be updated.

2. To update Reporting Sources, click the button beside the **Reporting Source** to be updated to activate Row Actions, then click **Update**.

Row Actions: Update Delete	
Reporting Source 👘 Type of Reporting Source 🍸 Report Date (Sent) 🝸 Report Date (Received) 🍸 Method of Notification 🗧	
O PNS 2018 Aug 22	

3. Update information as needed and click **Apply Update.**



Location Nova Pharmacy

To specify a Service Delivery Location first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Central Zone >	y Location: Pano Halifax Public Hea	orama Clo alth Office	oud > Province of > [Nova Pharm	Nova Scotia > Department of acy]	Health and Wellness > Nova Scotia Health Authority > Fil
Туре	Search				Close
SDL Name:	Start typing the n Select the match Nova Pharmac	name of the with the ke	Service Delivery tyboard or mouse.	Location. Matches will begin to a	opear below.
	City, Province:	: Sectio		Status:	
	Halliax, NOVA 3	ocolia		Active	Select
Other PNS					
of Reporting Se	ource:			\$	
od of Notificatio	on:			\$	
logat and of the	e following dates	is requir	ed:		
least one of the		/ 08	/ 22	Report Date (Re	ceived):
ort Date (Sent):	2018 УУУУ	mm	dd		yyyy mm dd

4. Verify that the new information has been updated and recorded in the **Reporting Sources** table.

eporting Source –	Type of Reporting Source	Report Date (Sent)	Report Date (Received)	Method of Notification
ova Pharmacy		2018 Aug 22		

5. Click Save.



Reporting Source ? OB No: OB Name: 16 OB Name: Measles OB Measles Reporting source saved

Screen refreshes and confirmation message "Reporting source saved" displays.

- 6. To add another Reporting Source, select the appropriate **Reporting Source**.
- 7. If applicable, select **Type of Reporting Source, Method of Notification**, **Report Date** (Sent), and **Report Date (Received)**.

*R	eporting Source:									L	Save Re	set
\bigcirc	Provider											_
	Click Find to select a pro-	vider:										
	Provider:										Find C	
0	Location											
	To specify a Service Deliv 'Select' button. Then click	very Loc k 'Close'	cation first cli ' to close.	ck on the 'Find' l	nutton. The	en search, or type the name og	f the Ser	vice Delivery Location ye	ou wish	to specify, select	it and click or	t
	Service Delivery Loc	cation:	Top Level >	Level 2 (specif	ic one) >	Level 3 (specific one) > [S	elected	Level 3 Location]			Find Q]
Met * A	hod of Notification: At least one of the follo	Ma Owing c	il dates is req	uired:		÷			,			
Kep	on Date (Sent).	2010 УУУУ	8 / 8 mm	/ 22 dd		Report Date (Rec	erveu).	yyyy mm	, dd			
										Add Notific	ation Cle	ar
Ro	w Actions: Update	Dele	ete									
	Reporting Source	-	Type of Re	porting Sourc	•	Report Date (Sent)	Rep	ort Date (Received)		Method of No	<u>tification</u>	Ī
0	Nova Pharmacy					2018 Aug 22						
											Save Re	set

8. Click Add Notification when all information has been entered.



Row	Actions: Update Delet	te			
	Reporting Source	Type of Reporting Source	Report Date (Sent)	Report Date (Received)	Method of Notification
0	Nova Pharmacy		2018 Aug 22		
0	Other Source Example	Other	2018 Aug 22		Mail
					Save Reset

Newly added Reporting Source will display in the Reporting Source table.

9. Click Save.

	OR Name:	Disease	Etiologia Agent:	OR Status	
16	Measles OB	Measles	Measles virus	Open	

Screen refreshes and confirmation message "Reporting source saved" displays.

3.5 User Defined Form

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select User Defined Forms under Outbreak Details.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	I FAMILY HEAL	TH INVENTORY	ADMIN
Recent Work Search	Outbreak	UDFs					? 🗏
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Eti Me	ologic Agent: asles virus	OB Status: Open	
✓ Outbreak	Outbreak UDEs						☆ Hide Outbreak UDFs
Outbreak Summary * Outbreak Details Description Declaration Disease Summary Outbreak Team Reporting Source	Available For 0 forms found. Row actions: Fi Form ID	Il Out Form	Form Description	Version Re	equired 🔻 Date I	Clic P <u>ublished</u> V Associat	Hide Available Forms
User Defined Forms * Outbreak Subject Summary Classification Summary Investigations Immunization Summary Outbreak Groups	Filled Out F 0 forms found. Row actions: U Instance ID	odate Migrate Answ <u>Form</u> Name Desc	vers to Newest Version n ription	Needs Migration	Click on Ir Updates Allowe By	d <u>Status</u> Created By/On	★ Hide Filled Out Forms k on radio button to select. Last Updated By/On



The **Outbreak UDFs** screen displays.

- 2. From the **User Defined Forms (UDF)** section, click the radio button next to the form to be completed.
- 3. Click Fill Out Form.

The selected UDF displays in a new window.

- 4. Enter data in the UDF as applicable.
- 5. Click **Save as Draft** or **Submit** upon completion.

Confirmation messages, 'Your data has been successfully saved' and 'You may now close this window' displays.



4 OUTBREAK SUBJECT SUMMARY – OVERVIEW

Outbreak Subject Summary allows Users to manage Investigations within an Outbreak. An Outbreak may have Identified Investigations (i.e. those that exist in the Investigations Management module) or Unidentified ones (i.e. where the system only maintains an aggregate count without further details).

An Outbreak may contain exclusively Identified or Unidentified Investigations, but typically it has both and is referred to as a "Hybrid" Outbreak.

For example, an Outbreak in a Long-term Care Facility may have 30 affected individuals, three of whom are specifically Identified since they have been lab-confirmed, and 27 that exist as an aggregate group but not as individual Subjects or Investigations in the system (i.e. Unidentified). In this case, the three Identified individuals exist in the system as Subjects with associated Investigations. The attributes for these individuals can be queried independently and as part of the Group, without double counting the Investigations (e.g. the Outbreak affects 30, not 33 individuals).

Data are often collected for epidemiologically-relevant groups within an Outbreak (e.g. separate counts of staff and residents ill and exposed, counts of cases/contacts by school grade or by hospital). Relevant Outbreak Groups may be defined by the User with associated data about the Group. Outbreak Subject Management is comprised of multiple screens, allowing the User to perform the different tasks.

Outbreak subject management enables a User to:

- 1. View a grid summary of the total number of investigations in an outbreak, stratified by group and outbreak case classification (outbreak classification summary screen)
- 2. View and maintain a list of investigations associated with a group and navigate to the detailed investigation record (maintain outbreak investigations screen)
- 3. View and maintain a list of groups associated with an outbreak (outbreak groups screen)
- 4. View and maintain counts of unidentified aggregate individuals (maintain unidentified aggregate counts screen)

4.1 Create Outbreak Groups

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outbreak Groups under Outbreak Subject Summary.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work	Outbreak (Groups				1	0 🗏
Search Outbreaks Search Exposures Search Interventions Search Lab • Outbreak Outbreak Summary	OB No: 16	OB Name: Measles OB	Disease Measles	: Etiolo Measie	gic Agent: as virus	OB Status: Open	Save Reset
✓ Outbreak Details	Outbreak Group	s					
Description Declaration Disease Summary Outbreak Team Reporting Source User Defined Forms "Outbreak Subject Summary Classification Summary Investigations	Parent Group Name * Group Name: Liaison Name: Phone: Fax: Email: Other: Population Denomi Description:	e: () () () inator:	-				
View Counts	1						(2000 characters)
 Record Unidentified Counts 							Add Group Clear
Exposure Summary	Row Actions: Up	odate Delete Ado	d Child Group Move	Up Move Down			
Intervention Summary	Group Nam	ie Lia	ison Name	Liaison Contact		Population Denominato	
Lab Summary	Measles OB						
Outbreak Communications							
Notes							
Document Management							Save Reset

The Outbreak Groups screen displays.

2. Click the radio button beside the Outbreak Group to which you want to add a Child Group (aka subgroup).

Note: The Outbreak Name is automatically used for the root, or Master Group, also known as the Parent Group. This name cannot be updated.

				· · · · · · · · · · · · · · · · · · ·
Roy	v Actions: Update Delete	Add Child Group Move Up	Move Down	
	Group Name	Liaison Name	Liaison Contact	Population Denominator
0	Measles OB			
_				

3. Click Add Child Group.



?≞

Outbreak Groups

OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
					Save Reset
Outbreak Group	S				
Parent Group Name	: Measles OB				
* Group Name:					
Liaison Name:					
Phone:	()	-			
Fax:	()	-			
Email:					
Other:					
Population Denomi	nator:				
Description:					
				11	(2000 characters)
				Ad	ld Group Clear

Screen refreshes and the selected group appears as the **Parent Group Name** in the Outbreak Groups section of the screen.

Note: All Child Groups (subgroups) that are created are added as subgroups to the Master/Parent Outbreak Group. The group hierarchy is limited to three levels, where the Master/Parent Group is the first level.



Tip: Child Groups can be organized by cohort such as residents, staff, or around physical locations such as rooms or floors in a facility.

- 4. In the Group Name field, enter the name of the Child Group (aka subgroup).
- 5. If applicable, enter **Liaison Name** (name of the contact person for the group) and select a method of communication with communication details.

Note: Users are only able to enter one contact information type (either Phone; Fax; Email; Other) at any given time. The system will only display one contact number in the **Liaison Contact** field (i.e., adding a fax number will delete the previously recorded phone number for the contact).

6. If applicable, enter the **Population Denominator** (the total number of clients within this group).



*Required field		
Outbreak Groups		
Parent Group Name: * Group Name:	Measles OB	
Liaison Name:	Lauren Xie	
O Phone:	() -	
G Fax:	() -	
O Other:	Pager: 11111	
Population Denominator:		
Description:		
	(2000 characters	3)
	·	-
	Add Group Clear	<u>.</u>

7. Click Add Group.

Row	Row Actions: Update Delete Add Child Group Move Up Move Down									
	Group Name	Liaison Name	Liaison Contact	Population Denominator						
0	Measles OB									
0	> PNS Staff	Lauren Xie	Pager: 11111							
				Save						

Each subgroup (Child) is displayed in table below the main (parent) outbreak in the Outbreaks Group table.

- 8. Repeat steps 2 to 7 until all Child Groups are entered.
- 9. Click Save.

Screen refreshes and confirmation message "The Outbreak Group data has been saved" displays.



4.2 Investigations

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Investigations under Outbreak Subject Summary.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN				
Recent Work Search Search Outbreaks	Maintain (Outbreak Inv	vestigations	5			0 4	1			
Search Exposures Search Interventions Search Lab	OB No:	OB Name: Measles OB	Disease	: Etiolo Measle	gic Agent: es virus	OB Status: Open					
✓ Outbreak	Under Children:	Measles OB	•								
Outbreak Summary ▼ Outbreak Details	Responsible Organ	zation Nova Scotia H	lealth Authority								
Description	Classifying Disease	: Measles (Pr	edominant) / Measles v	irus			\$				
Declaration Disease Summary	Subject Type:	O Human Si	ubjects 🔿 Non-Humar	Subjects			Display				
Outbreak Team Reporting Source User Defined Forms [❤] Outbreak Subject Summary	Outbreak Inves Outbreak Group: Include Children: Subject Type:	Outbreak Investigations Outbreak Group: Measles OB Responsible Organization Unit: All Org Units Include Children: No Classifying Disease: Measles (Predominant) / Measles virus Subject Type: Human Subjects Measles (Predominant) / Measles virus									
Classification Summary Investigations	0 investigations			Ru	n Case Def to Add Inve	stigations Search	to Add Investigations	1			
Immunization Summary Outbreak Groups I View Counts	o	Remove Generate utbreak Group: Measles OB	Map	2	C	lassify New Recla	ssify All Update All				
Record Unidentified Counts Exposure Summary	Investiga ID	tion Subject Name	Group Ag	e Gender F	Residence at Time of nvestigation	Classificatio	on Primary Investigator				
Lab Summary	Total: 0	Page 1 of				Jun	np to page:				

Maintain Outbreak Investigations screen displays.

- 2. Choose the parent group along with the Child Groups by ensuring that the **Outbreak Group** field displays the **Parent Group** and the **Include Children** box is checked.
- 3. Select the **Classifying Disease** and click **Display**. The investigation details will display in the **Outbreak Investigation** section.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN	
Recent Work Search Search Outbreaks	Maintain C	outbreak Inv	vestigations				?	≞
Search Exposures Search Interventions Search Lab	OB No: 16	OB Name: Measles OB	Disease Measles	Etio	logic Agent: sles virus	OB Status: Open		
✓ Outbreak	Outbreak Group:	Measles OB	\$					
Outbreak Summary Outbreak Details	Include Children: Responsible Organi: Unit:	zation Nova Scotia H	ealth Authority					
Description	Classifying Disease:	Measles (Pre	edominant) / Measles vi	rus			\$	
Declaration	Subject Type:	O Human Su	bjects 🔿 Non-Human	Subjects			Display	
Disease Summary							227	
Outbreak Team	Outbreak Invest	ligations						
Reporting Source	O thread Orange		and the Orean institute I					
User Defined Forms	Include Children:	No Classi	ifving Disease:	Measles (Predo	minant) / Measles virus			
 Outbreak Subject Summary 	Subject Type:	Human Subjects	ing biscuse.	mousies (i read	initiality includes that			
Classification Summary				R	un Case Def to Add Inv	estigations	to Add Investigation	ne
Investigations	0 investigations				an ouse ber to Add int	courch	to Add Investigation	10
Immunization Summary	Row Actions:	temove Generate M	Лар					
Outbreak Groups	Ou	tbreak Group:				Classify New Reclas	sify All Update A	II
View Counts		leasles OB	\$ Move to Group					
 Record Unidentified Counts Exposure Summary 	Investigat ID	ion Subject Name	Group Ag Name	e Cender	Residence at Time of Investigation	Classificatio	n Primary Investigator	•
Intervention Summary Lab Summary	Total: 0	Page 1 of 1				Jum	p to page:	•

4.2.1 Add Investigation to Outbreak

4. An Investigation can be added by clicking Search To Add Investigations.

Search Investigations - Basic

?	
---	--

08 No: 0 16 M	B Name: leasles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open				
Search Criteria				≿ Hide Search Criteria				
Wildcard characters % (multiple letters) and _ (singleletters) can be used when searching by First or Last Name -except when matching phonetically. Wildcard-only searches not allowed.								
Disease / Basic Criteria				☆ Hide Disease / Basic Criteria				
				Include: 💿 Human 🔿 Non-Human 🔿 Both				
Search by:								
Investigation ID:								
Investigation Group:	\$							
Outbreak Group:	Search Outbrea	ak						
Disease Event ID:								
Report Date (Received) Range:	From: / / yyyy mm	/ 📰 T dd	io: / / / / / / / / / / / / / / / / / / /	III.				
Encounter Crown		•	n					

The Search Investigations – Basic screen displays.

5. Enter Report Date Range, Encounter Group, or Disease search criteria.



6. Click Search.

Disease Event ID:					
Report Date (Received) Range:	From: / / / / / / / / / / / / / / / / / / /		To: / / / / / / / / / / / / / / / / / / /	d	
Encounter Group:	Communicable Disease Investi	gation	\$		
Disease:	Measles		\$		
Authority:	\$				
Classification:	\$				
Microorganism:	\$				
Site(s): CTRL + click to select multiples					
Staging:	(
• PHAC Notification St	atus: 🚺	Provincial	Notification Status:	\$	
Co-managed Disease:			\$		
Outstanding Recomm	nendations				
			Search	Retrieve C	lear Cancel Advanced Search
weetingtion Secret D					
ivestigation Search R	esuns				
					New Search
2 results found.	Inactive investigation	on(s) are not sh	own	Click Investigatio	n ID to view Investigation Summary.
Row Actions: Select All	Deselect All Preview Updat	te Select an	d Return	Ger	nerate Map Update Selected
Investigation ID	Last Name, First Name	Date of Birth	Disease / Disease Event ID Classification	Primary Author	ity / Reporting Date Received
□ <u>226</u> ✓	EKM Demo, Sprint 7	1998 Jun 2	Measles 230 / National / Ca	se - Not a Case	2018 Aug 18
□ <u>13</u> ✓	Laurel, Daphne	1994 May 11	Measles 15 / National / Case	e - Probable	2018 May 4
220 ✓	LMTEST1, LMTEST1	1981 Jan 1	Measles 224 / National / Ca	se - Confirmed	2018 Aug 16

The Investigations Search Results section displays the search results.

LMTEST1. LMTEST1 1981 Jan 1

7. Review and select pertinent Investigations. The **Select All** button can be used to check all investigations in search results.

Measles 148 / National / Case - Confirmed

2018 Jul 12



22 results found. Inactive investigation(s) are			e not shown	Click Investigation ID to view	k Investigation ID to view Investigation Summary.			
Row Actions: Select All Deselect All Pre-		t All Preview Update Se	elect and Return	Generate Map	Update Selected			
	Investigation ID	Last Name, First Name	■ Date of Birth	Disease / Disease Event ID / Primary Authority / Classification	Reporting Date Received			
	2	Test001, Test001	1990 Sep 9	Measles 2 / Manual / Case - Person Under Investigation	2018 Mar 27			
	<u>167</u>	Test1, Lauren	1977 Aug 1	Measles 170 / National / Case - Person Under Investigation	2018 Aug 8			
	180	Test1 Lauren	1977 Aug	Maaslas 192 / National / Casa - Darson Lindar	2018 Aug 9			

8. Click Select and Return.

Maintain (Outbreak Inves	stigations			0 🗏						
OB No:	OB Name:	Disease:	Etiologic Agent:	OB Status:							
<u>16</u>	Measles OB	Measles	Measles virus	Open							
1 investigations have	I investigations have been added to the Outbreak successfully.										
If added investigatio	f added investigations correspond to previously unidentified investigations, you should decrement the unidentified aggregate counts.										

Screen refreshes and confirmation message, "[# of Investigations selected] investigations have been added to the Outbreak successfully. If added investigations correspond to previously unidentified investigations, you should decrement aggregate counts" displays.

 The Investigations can now be saved into the Child Groups by clicking the radio button(s) beside the Investigation ID row(s), then select the Child Group in the Outbreak Group to move the investigations into, and then clicking Move to Group.



Maintain Outbreak Investigations

? 旦

OB No: <u>16</u>	OB Name: Measles OB	DB Name: Disease: Etiologic Agent: Veasles OB Measles Measles virus								
1 investigations have been If added investigations cor	added to the Outbreak	successfully. identified investigations.	, vou should decreme	ent the unidentified agor	egate counts.					
Outbreak Group:	reak Group: Measles OB +									
Include Children:										
Responsible Organizatio Unit:	Ple Organization Nova Scotia Health Authority									
Classifying Disease:	Measles (Predom	nant) / Measles virus				\$				
Subject Type:	 Human Subject 	s i Non-Human Subje	ects			Display				
Outbreak Investigat	tions									
Outbreak Group: Meas	sles OB Responsib	le Organization Unit: A	All Org Units							
Include Children: No	Classifying	Disease:	Measles (Predominar	t) / Measles virus						
Subject Type: Hum	an Subjects									
Click Investigation ID to 1 investigations	view Investigation Sumn	nary.	Run Ca	se Def to Add Investig	gations Search to Ad	d Investigations				
Row Actions: Remo	ve Generate Map									
Outbre	ak Group:			Class	sify New Reclassify A	II Update All				
✓ Meas	les OB	Move to Group								
> PN	S Staff		andar 🔻 Rasidar	ee at Time of	Classification 💌	Priman/				
	Name Na			ation		Investigator				
☑ <u>167</u>	Test1, Lauren Mea	sles OB 41 Fe	male -	C	ase - Person Under -					
Total: 1	Page 1 of 1	M			Jump to pa	age: 🛃				

	Outbreak Investigations							
	1 investigations ha	ve been moved s						
Outbreak Group: Measles OB Responsible Organization Unit:			Responsible Organization Unit:	All Org Units				
	Include Children:	Yes	Classifying Disease:	Measles (Predominant) / Measles virus				
	Subject Type:	Human Subjects						
l								

Screen refreshes and confirmation message displays.

4.3 Classification Summary

The **Outbreak Classification Summary** screen displays the number of Investigations, both Identified and Unidentified, by Group.

 After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Classification Summary under Outbreak Subject Summary.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HE	ALTH	INVENTORY	A	DMIN	
Recent Work Search	Outbreak Classification Summary								?	Ē
Search Outbreaks Search Exposures Search Interventions	OB No: 16	OB Name: Measles OB	Disease Measles	e: Etic Mea	ologic Agent: asles virus		OB Status Open	:		
✓ Outbreak	Classifying Disease	: Measles	(Predominant) / Measle	es virus					\$	
Outbreak Summary Cutbreak Details Description Declaration Disease Summary Outbreak Team Reporting Source User Defined Forms Cutbreak Subject Summary Ciassification	Responsible Organi Include Counts For: Subject Type: Include in Counts: Outbreak Class Classifying Diseas Responsible Orga Include in Counts:	zation Unit: Nova Scot Both Contac Contac Contac Case - P Sec. Measles Case - P	ia Health Authority I dentified Investigati Subjects Non-Hu ts Persons Under Investig (Predominant) / Measle tia Health Authority ersons Under Investige	ons Aggregate C man Subjects gation es virus Includ Subjection	counts e Counts For: Bo tt Type: Hu	oth uman Subjec	Display C	ounts	_	
Investigations Immunization Summary Outbreak Groups	Group		Pop. Denom	Not a Case	Not C Classified C	ase - confirmed	Case - Probable	Case - Person Under Investigatio	Total Cas	es
 View Counts 	Measles OB		0	0 (0)	0 (0) 0	(0)	0 (0)	0 (0)	0 (0)	_
Record Unidentified Counts	> PNS Staff		0	0 (0)	0 (0) 0	(0)	0 (0)	1 (1)	1 (1)	
Exposure Summary	Totals:		0	0 (0)	0 (0) 0	(0)	0 (0)	1 (1)	1 (1)	

The Outbreak Classification Summary screen displays.

2. Information can be filtered and sorted for both Identified and Unidentified Counts by changing the display criteria, then clicking **Display Counts**.

Note: The numbers that display within brackets represent identified classifications counts. The numbers outside of the brackets represent the unidentified classification counts.

Any updates of classifications, the number of Identified and Unidentified counts, or sorting by Parent or Child will impact the numbers.

When Unidentified Clients become Identified Clients, the User needs to make sure that the decrement of the Unidentified client is offset by creating a record for the newly Identified Client and adding them to a Group.

4.4 Immunization Summary

The **Outbreak Immunization Summary** screen allows an Investigator to see a limited Immunization Summary for the Antigen(s) associated with one of the Outbreak Diseases, for a filtered list of Clients in the Outbreak. The Summary includes the number of valid doses and any Agents containing those Antigens that the client is eligible or overdue for according to their current Immunization Forecast.

 After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Immunization Summary under Outbreak Subject Summary.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work Search	Outbreak	Immunizatio	on Summar	у			? E
Search Outbreaks Search Exposures Search Interventions	OB No: <u>16</u>	OB Name: Measles OB	Disease Measles	: Etiolo Measle	gic Agent: es virus	OB Status: Open	
Search Lab	Outbreak Group: Include Children: Responsible Organi Include Contacts: Disease/Etiologic Ar Associated Antigeni	Measles zation Unit: Nova Sc gent: Measles (i (s): s Imm	OB	virus			
Investigations Immunization Summary Outbreak Groups View Counts Record Unidentified]	Meas	iles (M)	lay			

The Outbreak Immunization Summary screen displays.

- 2. Complete the fields with the parameters to be searched.
- 3. Click **Display**.

Associated Antigen(s):	🛃 Immune	globulin (lg)				
	Measles	s (M)				
		Display				
Outbreak Immunization Su	ımmary					
Outbreak Group:	Measles O	В				
Include Children: Yes						
Responsible Organization Unit	Nova Scot	ia Health Authority				
Include Contacts:	No					
Disease/Etiologic Agent:	Measles (F	Predominant) / Measles virus				
Associated Antigen(s):	Immune gl	obulin (Ig), Measles (M)				
Clients whose Investigations are clas	sified as Con	tact-Not a Contact or Case-Not a Ca	se are not included in the Ou	tbreak Immunization Summary.		
Client Classification	•	Immune globulin (lg) Valid Doses	Measles (M) Valid Doses	Agent(s) Received (Most Recent)	Eligible	Overdue
Test1, Lauren Case - Person U Investigation	nder	0	0	-	-	MMR
Total: 1	ge 1 of 1	Þ ÞI		Jun	np to page:	2

The Outbreak Immunization Summary displays according to the requested parameters.

Note:

- The hyperlink on the Client Name connects to that Client's Immunization Profile where full details are available.
- The Outbreak Immunization Summary is only available for diseases where one or more Antigens have been configured to appear on the page.



5 VIEW COUNTS

The View Counts screens allow a User to view the frequency of occurrence of Signs and Symptoms and Outcomes in an Outbreak, both for Identified Investigations and for unidentified counts. The numbers for unidentified counts are taken from what was recorded on the Unidentified Counts screens.

Viewing Counts relies on Outbreak Presets for Signs & Symptoms related to the Outbreak Disease(s).

Users will first enter Presets where applicable before viewing counts.

5.1 View Signs & Symptoms Counts

Signs & Symptoms Counts shows counts of identified and unidentified Investigations that have reported for each Outbreak **Preset Sign & Symptom**. The counts of identified Investigations, as well as the calculations of the % Active Investigations and % of Population, only include Investigations with active Disease Events for the **Outbreak's Predominant Disease** classified under any Authority as Case. Active Disease Events are those for which the primary classification is neither "Not a Contact" nor "Not a Case".

The default sort in the section is by the **Sign & Symptom** column in ascending alphabetical order, and it may only be sorted by the **Sign & Symptom** column.

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Signs and Symptoms under View Counts.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work	Sign & Sv	motom Cou	inte	,	,		0 8
✓ Search	Sign & Sy		1115				
Search Outbreaks							
Search Exposures	0.0.0	OR Name	Discourse	. Etiala	ala Aranti	OD Status	
Search Interventions	<u>16</u>	Measles OB	Measles	Measl	es virus	Open	
Search Lab							
✓ Outbreak	Sign & Sympto	m Counts					
Outbreak Summary							
Outbreak Details	Outbreak Group N	lame:	•				
Outbreak Subject	Include Child Grou	ups:	_				
Summary	Subject Type:		Human Subjects 🔿 I	Non-Human Subjects			
✓ View Counts	Classifications In	cluded in Counts:	lot included	Included			
Signs & Symptoms		[Contact	Case - Confi	rmed	7	
Complications		1	Not Classified	dd > Case - Proba	ible		
Outcomes			< R	emove	on Under Investigation		
 Record Unidentified Counts 							Display

- 2. Select an Outbreak Group Name.
- 3. Click the Include Child Groups checkbox as required.
- 4. Select Subject Type.
- 5. Select the relevant Classifications for which counts are desired from the Classifications Included in Counts multi-select box and click **Add**.



Sign & Symptom Counts				
Outbreak Group Name: Measles OB	÷			
Subject Type:	Human Subject	s 🔿 Non-Hum	an Subjects	
Classifications Included in Counts:	Not Included		Included	
	Contact Not Classified	Add >	Case - Confirmed Case - Probable Case - Person Under Investigation	
Sign & Symptom Counts		- Itelliove		Display

6. Click **Display**.

Sign & Symptom Counts								
Outbreak Group Name:	lame: Measles OB ups: √ Subject Type: Human Subjects							
Population Denominator:	0	Tot	al Number Ide	ntified: 1				
Classifications Included: Case - Confirmed, Case - Probable, Case - Person Under Investigation								
Show Presets Only Show All								
Sign & Symptom (✓ Active Preset)		Identified Count	Unidentified Count	% Investigations Identified w/ Sign&Symptom (Selected Classifications)	% of Population Identified w/ Sign&Symptom (All Classifications)			
Chills		1	-	100%	-			
Conjunctivitis		1	-	100%	•			
Cough		1	-	100%	-			

The Signs and Symptoms counts are displayed in the table at the bottom of the screen. Click the **Show Presets Only** button to display counts and percentages for the Outbreak defined pre-set Sign & Symptom or click the **Show All** button to view all Signs and Symptoms

The Identified Sign and Symptom will display as a hyperlink which links to the **Identified Investigations** screen.



⑦ 旦

Identified Investigations

OB No:OB Name:16Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open					
Identified Investigations for Sign & S	ymptom							
Sign & Symptom: Cougn Outbreak Group Name: Measles OB Include Child Groups: ✓ Subject Type: Human Subjects Total Number Identified: 1 1 Identified Count: 1 % Investigations Identified w/ Sign&Symptom (Selected Classifications): 100% Population Denominator: 0 % of Population Identified w/ Sign&Symptom (All Classifications): - Classifications Included: Case - Confirmed, Case - Person Under Investigation Click Investigation ID to view Investigation Summary.								
Investigation ID Subject Name	▼ <u>Group Name</u> ▼ <u>Age</u> ▼	│ <u>Gender</u> ▼ Diseases / Prima	ry Authority / Classification					
167 Test1, Lauren 2	PNS Staff 41 yrs	Female Measles / Nationa	I / Case - Person Under Investigation					
Total: 1 Page 1 of 1			Jump to page:					

This screen displays Investigations with the selected signs and symptoms. Clicking on the Investigation ID hyperlink takes the Users to the **Investigation Summary** screen.

Note:

- A warning will display if the total number of cases and contacts exceed the Population Denominator.
- If a sign and symptom has been defined as a preset for an Outbreak, a checkmark will appear to the left of the sign & symptom.
- Unidentified signs and symptoms count are counted by group and not by classification.
- If a linked Investigation has "Manual Authority" it will appear with a Classification of "Not Classified" in the Outbreak and will not be included in the counts.

5.2 Outcomes Counts

The **Outbreak Outcomes** section shows counts of identified and unidentified Investigations that have reported each **Outcome** for which unidentified counts may be recorded. The counts of identified Investigations above, as well as the calculations of the % Active Investigations and % of Population, only include Investigations with active Disease Events for the **Outbreak's Predominant Disease** classified under any Authority as Case. Active Disease Events are those for which the primary classification is neither "Not a Contact" nor "Not a Case".

The default sort in the section is by the **Outcome** column in ascending alphabetical order, and it may only be sorted by the **Outcomes** column

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outcomes under View Counts.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work ✔ Search	Outcome	Counts					? =
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: <u>16</u>	OB Name: Measles OB	Disease Measles	: Etiolo Measle	gic Agent: es virus	OB Status: Open	
Outbreak Outbreak Summary Outbreak Details Outbreak Subject Summary View Counts Signs & Symptoms Complications Outcomes Record Unidentified Counts	Outcome Coun Outbreak Group N Include Child Grou Subject Type: Classifications In	ts lame: ups: cluded in Counts:	Human Subjects Not Included Contact Not Classified K	Non-Human Subjects Included Case - Confir Case - Proba Case - Perso	med ble n Under Investigation		Display

The Outcome Counts screen displays.

- 2. Select an Outbreak Group Name.
- 3. Click the Include Child Groups checkbox as required.
- 4. Select Subject Type.
- 5. Select the relevant Classifications to include from the **Classifications Included in Counts** multi-select box. Click **Add** to include classification.

Outcome Counts			
Outbreak Group Name: Measles OB	• •		
Subject Type:	 Human Subjects Non-Hu Not Included 	Iman Subjects	
	Contact Not Classified Add >	Case - Confirmed Case - Probable Case - Person Under Investigation	
			Display

6. Click the **Display** button and the Outcomes counts will be displayed in the table at the bottom of the screen.



6 OUTBREAK UNIDENTIFIED COUNTS

The Outbreak module tracks both identified and unidentified investigations. Identified investigations are ones that have been entered on client records within Panorama, whereas unidentified ones are not. Recording unidentified investigations enables outbreak investigators to track the number of people infected by the outbreak without entering each individual into the system. For example, if an outbreak occurs in an extended care home, investigators may create client records and investigations for a limited number of residents and track them as identified investigations, recording symptoms and lab results. In addition, they can also keep track of the total number of people who are infected with unidentified aggregate counts, without creating records for all individuals in the system.

6.1 Record Unidentified Investigations

7. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Investigations under Record Unidentified Counts.

	WORK MG	INT IN	VESTIGATIONS	OUTE	BREAKS	IMMUNIZATIO	N FAMILY I	HEALTH	INVENTORY	ADMIN	
Recent Work - Search	Mainta	in Uni	identifie	d Aggi	regate	Counts				() 且
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: <u>16</u>		OB Name: Measles OB		Disease: Measles	E	tiologic Agent: easles virus		OB Status: Open		
✓ Outbreak	Unidentifi	ied Aggre	gate Counts								
Outbreak Summary Outbreak Details Outbreak Subject Summary	<u>Unidentific</u> Predomina	ed Aggregant Disease:	ate Counts Measles Re	esponsible (Organization (Jnit: Nova Scotia	Health Authority				
View Counts	Group	Pop. Denom.	Contact	Not a Case	Not Classified	Case - Confirmed	Case - Probable	Case - F Investig	Person Under Jation	Total Cases	
 Record Unidentified Counts 	Measles OB	0	0	0	0	0	0	0		0	
Investigations	> PNS	0	0	0	0	0	0	0		0	
Signs & Symptoms	Staff										
Complications Outcomes Interventions	Totals:	0	0	0	0	0	0	0		0	
Exposure Summary										Save	Reset

The Maintain Unidentified Aggregate Counts screen displays.

Note: The screen will appear and behave slightly differently depending on whether one or multiple responsible organizations have been identified for the outbreak.

- 8. For Outbreaks with one Responsible Organization Unit:
 - Enter unidentified counts.
 - Click Save.
- 9. For Outbreaks with multiple Responsible Organization Units:
 - Select a Responsible Organizational Unit.
 - Click **Display Counts** button. The system will display the unidentified counts table by Group and Classification for that Responsible Organizational Unit.



- Record unidentified counts.
- Click Save.

Maintain Unidentified Aggregate Counts

	aggregate cou	nts successful	ly saved to the	he Outbreak				
nidentifi	ied Aggreg	ate Counts	;					
nidentifi	ed Aggrega	te Counts						
redomina	nt Disease: N	Aeasles R	esponsible	Organization Ur	nit: Nova Scotia	Health Authority		
Group	Pop. Denom.	Contact	Not a Case	Not Classified	Case - Confirmed	Case - Probable	Case - Person Under Investigation	Total Cases
vleasles DB	0	0	0	0	3	0	0	3
> PNS Staff	0	0	0	0	0	2	0	2
lotals:	0	0	0	0	3	2	0	5

Screen refreshes and confirmation message "Unidentified aggregate counts successfully saved to the Outbreak" displays.

Note:

- The Classifications (e.g. Case-Confirmed; Case-Suspect) displayed will be those defined for the Disease in the Investigations module.
- A warning will display if the total number of cases and contacts exceed the Population Denominator, if a population denominator has been entered for the group.
- The Population Denominator is shared between the Outbreak Groups screen and the Record Unidentified Counts screens. The population denominator can be updated on the Outbreak Groups or the Record Unidentified Counts screens. Updates made to the population denominator on any of these screens will appear on the Outbreak Groups screen and the Record Unidentified Counts screens.

6.2 Record Unidentified Signs & Symptoms Counts

This screen is used to record aggregate counts of signs and symptoms for cases that have not been added to Panorama as identified clients and investigations. The counts are recorded by outbreak group for signs and symptoms identified in the **Sign and Symptoms Presets** screen.

The counts recorded here display on the **Sign & Symptom Counts** screen along with counts of signs and symptoms for identified investigations.

Unidentified counts can only be added for the predominant disease on the Outbreak.

⑦ 旦



10. After setting an Outbreak in Context in the Outbreak Module and defining the Sign and Symptom presets for this Outbreak, navigate to the Left-Hand Navigation menu and select Signs & Symptoms under Record Unidentified Counts.

Recent Work ▼ Search	Unidentifi	ed Sign & Syr	nptom Count	S	3	· ? E
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
✓ Outbreak	Unidentified S	ign & Symptom Count	S			
Outbreak Summary						
Outbreak Details	Unidentified Sid	an & Symptom Counts				
 Outbreak Subject Summary 	Group		Pop. Denom.		Dizziness	
View Counts	Measles OB		0		1	
Record Unidentified	> PNS Staff		0		2	
Counts	Totals:		0		3	
Investigations						
Signs & Symptoms						
Complications						Save Reset

The Unidentified Sign & Symptom Counts screen appears.

- 11. Record unidentified counts for the Parent or Child Groups.
- 12. Click Save.

Inidentifi	ed Sign & Sym	ptom Counts	6		0 [
OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
DB No: <u>16</u> he Unidentified Sig	OB Name: Measles OB gn & Symptom Counts data har	Disease: Measles s been saved.	Etiologic Agent: Measles virus	OB Status: Open	

Screen refreshes and confirmation message "The Unidentified Sign & Symptom counts data has been saved" displays.

Note: The Population Denominator is shared between the Outbreak Groups screen and the Record Unidentified Counts screens. The population denominator can be updated on the Outbreak Groups or the Record Unidentified Counts screens. Updates made to the population denominator on any of these screens will appear on the Outbreak Groups screen and the Record Unidentified Counts screens.

6.3 Record Unidentified Outcome Counts

This screen is used to record aggregate counts of Outcomes for cases that have not been added to Panorama as identified clients and investigations. The counts are recorded by outbreak group for outcomes configured in Panorama, and therefore there are no Outcome Presets.



The counts recorded here display on the **Outcome Counts** screen along with counts of outcomes for identified investigations.

13. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Outcomes under Record Unidentified Counts.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN	
Recent Work Search	Unidentifie	ed Outcome	Counts		,		0	Ē
Search Outbreaks Search Exposures Search Interventions Search Lab	ОВ No: <u>16</u>	OB Name: Measles OB	Disease Measles	: Etiolo Measie	gic Agent: es virus	OB Status: Open		
✓ Outbreak	Unidentified O	utcome Counts						
Outbreak Summary Cutbreak Details Outbreak Subject Summary View Counts Record Unidentified Counts	Available Outcom Alive-Hospitalized Alive-Hospitalized Alive-Not Hospita Deceased Other Unidentified Out	tcome Counts	Selected Outcomes:					
Investigations	Group			Pop. Denom.				
Signs & Symptoms Complications	Measles OB > PNS Staff			0				
Outcomes	Totals:			0				
Interventions Exposure Summary								
Intervention Summary							Save	Reset

The Unidentified Outcome Counts screen appears.

- 14. Select Available **Outcomes** from the multi-select box, and click the **Add** button to add them to the **Selected Outcomes** box. The system will add columns for unidentified outcome counts for each of the selected outcomes.
- 15. Record unidentified counts.

Unidentified Outcome Counts

? 旦

OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Age Measles virus	ent: OB S G Open	tatus:
Unidentified Outcom	e Counts				
Available Outcomes: Alive-Hospitalized-ICU Alive-Not Hospitalized Deceased Other Unknown	Add > Select Alive-Recov	ed Outcomes: Hospitalized vered			
Group	Pop. Denom.	Alive-H	ospitalized	Recovered	
Measles OB	0	1		0	
> PNS Staff	0	0		2	
Totals:	0	1		2	
					_
					Save Reset



16. Click Save

Unidentifi	ied Outcome C	ounts			? =
OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
The Unidentified O	utcome Counts data has been s	aved.			

Screen refreshes and confirmation message "Unidentified Outcome Counts data has been saved" displays.

Note: The Population Denominator is shared between the Outbreak Groups screen and the Record Unidentified Counts screens. The population denominator can be updated on the Outbreak Groups or the Record Unidentified Counts screens. Updates made to the population denominator on any of these screens will appear on the Outbreak Groups screen and the Record Unidentified Counts screens.

6.4 Record Unidentified Intervention Counts

17. After setting an Outbreak in Context in the Outbreak Module and defining the Intervention presets for this Outbreak, navigate to the Left-Hand Navigation menu and select Interventions under Record Unidentified Counts.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work Search	Unidentifie	ed Interventi	on Counts		,		? E
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: <u>16</u>	OB Name: Measles OB	Disease Measles	: Etiolo Measi	gic Agent: es virus	OB Status: Open	
✓ Outbreak	Unidentified In	tervention Counts					
Outbreak Summary Outbreak Details Outbreak Subject Summary View Counts Record Unidentified Counts Investigations	Predominant Dis- Intervention Type Intervention Subt <u>Unidentified Inter</u> Intervention Type Intervention Subt	ease: Measles : Exclusion + type: Work/Volunteer/ ervention Counts : - type: -	Reside - health care se	tting 🗘 Display			
Signs & Symptoms Complications Outcomes Interventions	Group Measles OB > PNS Staff Totals:			Pop. Denom. 0 0			
Exposure Summary Intervention Summary							Save Reset

The Unidentified Intervention Counts screen appears.

18. Select an Intervention Type and Intervention Subtype and click the Display button.



Unidentified Intervention Counts

OB No: <u>16</u>		OB Name: Measles OB		Disease: Measles	Etiologic Agent: Measles virus	OB St Open	atus:		
Unidentif	ied Interven	tion Count	S						
Predomina Interventio Interventio <u>Unidentific</u> Interventio	on Type: (on Subtype: (ed Intervention on Type: E on Subtype: V	Teasles) er/Reside - h	ealth care setting	Display				
Group	Pop. Denom.	Contact	Not a Case	Case - Confirmed	Case - Person Under Investigation	Case - Probable	Not Classified]	
Measles OB	0	0	2	0	0	0	0		
> PNS Staff	0	0	0	0	2	0	0		
Totals:	0	0	2	0	2	0	0		
								Save	Reset

The **Unidentified Intervention Counts** screen redisplays with the selected Intervention Type and Sub-Type and the Classifications columns.

19. Enter Unidentified Counts for the selected Type and Sub-Type and Click **Save**.

Unidentifi	ied Intervent	tion Counts	S			
Predomina Interventio Interventio	nt Disease: M n Type: (n Subtype: (leasles Exclusion \$ Work/Volunte) er/Reside - h	ealth care setting	¢ D	isplay
Unidentifie Interventio Interventio	ed Interventic n Type: E: n Subtype: W	on Counts kclusion /ork/Volunteer/	'Reside - hea	Ith care setting		The not-classified counts will be removed after you save the changes. Click 'Cancel' if you want to redistribute them.
Group	Pop. Denom.	Contact	Not a Case	Case - Confirmed	C	
Measles OB	0	0	2	0	0	Cancel OK
> PNS Staff	0	0	0	0	2	0 0
Totals:	0	0	2	0	2	0 0

A pop-up window displays with the message, "The not-classified counts will be removed after you save the changes." Click 'Cancel' if you want to redistribute them.

20. Click **OK**.



Unidentified Intervention Counts Image: Color of the sector of the s

Screen refreshes and confirmation message "The Unidentified Intervention Counts data has been saved" displays.

Note: The Population Denominator is shared between the Outbreak Groups screen and the Record Unidentified Counts screens. The population denominator can be updated on the Outbreak Groups or the Record Unidentified Counts screens. Updates made to the population denominator on any of these screens will appear on the Outbreak Groups screen and the Record Unidentified Counts screens.



7 EXPOSURES

Panorama's exposures functionality provides users the ability to track individual Subjects, their exposure to disease and a list of contacts they may have exposed. The Exposures functionality is available through the Outbreak module and utilizes the same screen using in the Investigations Module.

Note: Acquisition Events cannot be created through the Outbreak Module.

7.1 View Exposure Summary

1. After setting an Outbreak in Context in the Outbreaks Module, navigate to the Left-Hand Navigation menu, select Exposure Summary.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work ▼ Search	Exposure	Summary			,		? E
Search Outbreaks							
Search Exposures	OR No:	OB Name:	Disease	- Etiolo	aic Agent	OR Status	
Search Interventions	<u>16</u>	Measles OB	Measles	Measl	les virus	Open	
Search Lab			_	_	_		
✓ Outbreak	Transmission E	vent Summary				☆ Hide Trai	nsmission Event Summary
Outbreak Summary	0 Transmission Eve	nts Found. 0 Contacts F	Found.				
Outbreak Details	Row Actions:	ору				Quick Entry Creat	e Transmission Event
✓ Outbreak Subject Summary		Transmission	<u>Start</u> Trar	<u>ismission End</u>	Location Name	Setting Type	▼ <u>Invalid</u>
Classification Summary							
Investigations							
Immunization Summary							
Outbreak Groups							
View Counts							
 Record Unidentified Counts 							
Exposure Summary							
Intervention Summary							
Lab Summary							
Outbreak Communications							

Exposure Summary screen displays.

Note: The Exposure Summary screen displays all transmission events and acquisition events associated to the investigation in context. If only a subject is in context, the screen displays all transmission events and acquisition events associated to all investigations for the subject.

7.2 Quick Entry – Transmission Event

The Transmission Event Quick Entry screen will not be used in Nova Scotia.

7.3 Create Transmission Event

1. After setting an Outbreak in Context in the Outbreaks Module, navigate to the Left-Hand Navigation menu, select Exposure Summary.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work ▼ Search	Exposure	Summary					? E
Search Outbreaks Search Exposures Search Interventions Search Lab	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiolo Meas	ogic Agent: les virus	OB Status: Open	
✓ Outbreak	Transmission E	vent Summary				C Hide Trans	mission Event Summary
Outbreak Summary	0 Transmission Eve Row Actions:	ents Found. 0 Contacts Fo	ound.			Quick Entry	Transmission Event
 Outbreak Details Outbreak Subject Summary 		<u>Transmission S</u>	Start	smission End	Location Name	Setting Type	▼ Invalid
Classification Summary							
Investigations							
Immunization Summary							
Outbreak Groups							
 View Counts Record Unidentified Counts 							
Exposure Summary							
Intervention Summary							
Lab Summary							
Outbreak Communications							

Exposure Summary screen displays.

2. Under Transmission Event Summary section, click Create Transmission Event.

OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologi Measles	c Agent: virus	OB Status Open	5:		
						Save Clea	r Cance	
Required field								_
Transmission Even	nt Details				☆ Hio	de Transmission	Event Deta	ails
* Exposure Name:				Transmission Event ID:		-		
Invalid:				Invalid Reason:				
Responsible To Organizational spe	specify an Organization firs ecify, select it and click on 'S	t click on the 'Find' butto Select' button. Then click	ton. Then search, or type c 'Close' to close.	e the name of the Organization	n you wish to			
	Organization: Top Level > Organization]	Level 2 (specific one	e) > Level 3 (specific o	one) > [Selected Level 4	Find Q			
Transmitter Role:		\$						

Maintain Transmission Event Details page displays.

- 3. Enter Exposure Name.
- 4. Select a **Responsible Organization** (This is who is managing the case).
- 5. Expand Source Details section and select Mode of Transmission.
- 6. As an optional field, select one or more **Nature of Transmission** values (filtered by potential mode of acquisition) and click **Add** to move to **Selected** box.



Transmission E	vent Details				<u>¢</u> н	ide Transmission Event Details
* Exposure Name	e: Mea	sles exposure		Transmissio	n Event ID:	-
Invalid:				Invalid Reas	on:	
Responsible Organizational Unit:	To specify an Organi wish to specify, select	ization first click on the t it and click on 'Select'	'Find' button. Then sear button. Then click 'Clos vince of Nova Scotia :	rch, or type the name se' to close.	of the Organization you	
	Wellness > [Nova Type	arch	ority]		Close X	
	Organization	Start typing the name appear below. Select the match with Nova Scotia Healt	e of the Organization. M the keyboard or mouse th Authority	latches will begin to	Show Info	
	Name:	City, Province:	Hierarchy Type: Jurisdictional	Status: Active	Select	
Transmitter Role:		0				
Source			Contains Data			Show Source
Source Details						☆ Hide Source Details
Mode of Transmis	ssion: Waterborn	ne	<u>ې</u>	ected.		
Exposure to conta	minated water	A	\dd >	onsumption of con	taminated water	
	annated water	Add	d All >>			
		< R	lemove			
		<< Re	emove All			

- 7. From the Transmission Event Date/Time section, select an **Exposure Start Date** (and, optionally, an **End Date)**.
- 8. Expand the Exposure Location section, enter an **Exposure Location Name**.
- 9. Select an Exposure Setting Type.
- 10. Select an Exposure Setting (filtered by Exposure Setting Type).
- 11. Optionally, enter **Country** and **Address**.



Transmission Event	Date/Time				Hide Transmission Event Date/Time
Disease Earliest Por Communica	<u>ssible</u> ability From	Earliest Pro	<u>obable</u> ability From	Latest Probable Communicability To	Latest Possible Communicability To
Measles -		-		-	-
* Transmission Start:	2018 / 08 уууу mm	3 / 01 🛄 n dd	hh mm	:ADT Estimated	
Transmission End:	2018 / 08 уууу mm	3 / 01 🛄 n dd	hh mm	:ADT Estimated	
Exposure Duration:	0 Days				
Exposure Location					A Hide Exposure Location
Exposure Location Nam	ne: PSN Hospita	ıl			
Exposure Setting Type:	Health care	e setting	٢		
Exposure Setting:	Hospital			\$	
Country:	Canada			\$	
Address:		123	PNS Street		\$
	Unit No.	Street No.	Street Name	Street Type	Street Direction
	P.O. Box	STN	RPO	Rural Route	
Province/Territory:	Nova Scotia	City	Halifax		
Postal Code:	N1N 1N1				
Geo-coding Info	rmation				
Geo-code Status:					
Latitude:		Longitude	:		

12. Click Save button.

OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open		
ansmission event	successfully saved.					
				Save	Reset	Cancel

*Required field

Screen refreshes and confirmation message 'Transmission event successfully saved' displays.



8 INTERVENTION SUMMARY

The View Intervention Summary screen provides a summary of interventions and the associated follow-ups for a selected Subject, and optionally an Investigation. Pre-set interventions can be added, which are cross-referenced to the disease and classification on the Investigation selected, and optionally add multiple interventions associated to an intervention group.

From the Intervention Summary screen, creation of new interventions and follow-ups can be initiated, as well as view details of existing records.

8.1 View Intervention Summary

1. After setting an Outbreak in Context in the Outbreaks Module, navigate to the Left-Hand Navigation menu, select Intervention Summary.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEA		ITORY	ADMIN	
Recent Work ▼ Search	Interventi	on Summary	/		,	,	,	(?)	Ē
Search Outbreaks Search Exposures Search Interventions	OB No: 16	OB Name: Measles OB	Disease: Measles	Etiol Meas	ogic Agent: les virus	OE Op	3 Status: en		
✓ Outbreak	Interventions							Alide Intervent	tions
Outbreak Summary	Row Actions: Z Type Intervention St Disease: Outbreak Group:	Add Follow Up SubType Ummary Measies (National, Pre Measies OB \$	dominant)	n S t	art Date	End Date	€ Hide	Create Interventio Provider 9 Intervention Sumr	n T
 Record Unidentified Counts Exposure Summary 	Type Su	lbType		Contact	Not No Classified	et a Case Case · Confir	. Case med Proba	- Case - Ible Person Under Investiga	itio
Intervention Summary Lab Summary Outbreak Communications	Exclusion We 100 (35) refers to	ork/Volunteer/Reside - hea	alth care setting Disease and Group, of w	0(0) /hich 35 are identified	0(0) 2(0)) 0(0)	0(0)	2(0)	

Intervention Summary page displays.

8.2 Create Intervention

1. After setting an Outbreak in Context in the Outbreaks Module, navigate to the Left-Hand Navigation menu, select Intervention Summary.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY H	IEALTH	INVENTORY	· /	
Recent Work ▼ Search	Interventio	on Summary	/		,			,	0 🗏
Search Outbreaks Search Exposures Search Interventions	OB No: 16	OB Name: Measles OB	Disease: Measles	Etio Mea	logic Agent: sles virus		OB Statu Open	s:	
✓ Outbreak	Interventions							¢۲	lide Interventions
Outbreak Summary	Row Actions: Z Type Intervention St Disease: Outbreak Group:	Add Follow Up SubType Ummary Measles (National, Pre Measles OB \$	dominant) \$		tart Date	En	<u>d Date</u>	Create Provid	e Intervention er
 Record Unidentified Counts Exposure Summary 	Type Su	ibType	alth core opting	Contact	Not Classified	Not a Case	Case - Confirmed	Case - Probable	Case - Person Under Investigatio
Intervention Summary Lab Summary Outbreak Communications	100 (35) refers to 7	100 Interventions for the D	Disease and Group, of w	hich 35 are identified	d.	2(0)	0(0)	0(0)	2(0)

Intervention Summary page displays.

2. Click Create Intervention.

Interventior	Details			0 🗏
OB No: <u>16</u>	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open
				Save Clear Cancel Reason for Deletion:
Intervention Deta	ils			Aride Intervention Details
 Required field Encounter Group: Intervention Type: Intervention Disposi Outcome: 	tion:	nunicable Disease Investigation	* Intervention Sub Type:	\$
* Start Date:	2018	/ 09 / 05	End Date:	

The Intervention Details screen displays.

- 3. Complete the mandatory (*) fields and other fields as applicable.
- 4. Click Save.



No:	OB Name:	Disease:	Etiologic Agent:	OB Status:
	Measles OB	Measles	Measles virus	Open

Page refreshes and confirmation message 'Intervention successfully saved' displays.



9 OUTBREAK ADMINISTRATION

9.1 Link Outbreaks

The Link Outbreaks screen lets you associate two or more outbreaks in the same Jurisdiction together.

Linking is the process of joining a parent outbreak to a child outbreak:

- Parent outbreaks do not have investigations associated to them directly and do not have unassociated aggregate counts
- Child outbreaks contain directly associated investigations and unidentified aggregate counts

Parent outbreaks cannot be linked to other parent outbreaks, and child outbreaks cannot be linked to other child outbreaks.

9.1.1 Link a Parent Outbreak to a Child Outbreak

1. After setting a **Parent Outbreak** in Context in the Outbreak Module, navigate to the **Left-Hand Navigation** menu and select **Link Outbreaks** under **Administration**.

Recent Work Search Outbreak	Link Outbr	eaks	U	<u>d</u>	<u>6</u>	? 昌
Notes						
Document Management	OB No: 24	OB Name: Parent OTB	Disease: Measles	Etiologic Agent:	OB Sta Open	tus:
Communication Templates	albert					
▶ Reporting & Analysis	Parent Outbrea	k Diseases			\$	Hide Parent Outbreak Diseases
Notifications Communications Log	Encounter Group:	Communicable Disease Inve	estigation			
- Administration	Disease	Classifi	cation Authority	Etiologic Agent	Epi Markers	Lab Confirmed?
Link Outbreaks	Measles (Predomin	nant) National	far s			Unknown
Disease Classifications						
Disease Properties						
Microorganism Properties	Linked Outbrea	ks				Hide Linked Outbreaks
					Click Outbrea	ak ID to view Outbreak Summary
	Row Actions:	nLink Classify Investiga	tions		Link	Classify All Investigations
	Outbreak I	D Outbreak Nam	e Predominar	nt Disease	Primary Investigator	Date Linked
						Save Reset

The Link Outbreaks page displays.

2. Click Link button to link an outbreak.



Search Outbreaks - Basic

OB No: 24	OB Name: Parent OTB	Disease: Measles	Etiologic Agent: -	OB Status: Open	
earch Criteria					🗙 Hide Search Criteria
ildcard characters % (m	ultiple letters) and _ (si	ngle letters) can be used.	Wildcard-only searches not al	lowed.	
earch by:					
Outbreak ID:					
Alternate Source:		¢ Alt	ternate ID:		
Outbreak Name:					
Outbreak Link Role:	Child \$	Unlinked Only: 🥫	1		
Outbreak Type:			\$		
Outbreak Status:					
Outbreak Setting Typ	be:		\$		
Outbreak Setting:			_	\$	
Responsible Organiz	ration Unit(s):				Exact Match
To specify an Organizati click 'Close' to close.	on first click on the 'Find	" button. Then search, or typ	be the name of the Organization ye	ou wish to specify, select it and clic	k on 'Select' button. Then
Organization: Top L	evel > Level 2 (specific	one) > Level 3 (specific	one) > [Selected Level 4 Org	anization]	Find Q
Encounter Group:	Communicable	e Disease Investigation	\$		
Disease:	Measles \$				
Microorganism:	Measles virus	s 🛊			
Genotype:		÷]			
Genotype (specify):					
NML No.:					
Sequence designati	on:				
Sequence designati comment:	on				
Disease Lab Confirm	ied: 🗘 🛟)			
Report Date (Receive	ed) Range From: yyy	y mm dd	то: / уууу	mm dd	
			Search Retrieve 0	lear Cancel Create Out	tbreak Advanced Search

The Search Outbreaks - Basic screen displays.

Note: The system sets three default search criteria as follows:

- 1. Encounter Group is set to the encounter group selected for the parent outbreak
- 2. Outbreak Link Role is set to Child
- 3. Unlinked Only check box is selected.
- 3. Enter search criteria and click **Search**.


Outb	Outbreak Search Results								
2 resu	ults found.				Click Outbreak ID (OB ID) to view	Outbreak Summary.			
Row Actions: Preview Update Select & Return						ak New Search			
	OB ID / Alternate No	Outbreak Name	Responsible Organization Unit	Predominant Disease	Earliest Report Date (Received)	Outbreak Status			
	<u>16</u>	Measles OB	Nova Scotia Health Authority	Measles	-	Open			
	21 / PO Measles Outbreak Province of Nova Scotia Measles - Open								
Tota	l: 2	Page 1 of 1 🕨 🛛	1		Jump to	page:			

Search results display.

4. Select the check box next to the outbreak(s) to link, then click Select & Return.

Lin	ked Outbreaks				A Hide Linked Outbreaks			
				Click Outbreak ID to view Outbreak Summary				
R	w Actions: UnLink	Classify Investigations		Link Classify All Investigations				
	Outbreak ID	Outbreak Name	Predominant Disease	Primary Investigator	Date Linked			
C	<u>16</u>	Measles OB	Measles	Zie, Lauren	2018 Sep 11			
					Save Reset			

Screen refreshes and the child outbreak is displayed in the Linked Outbreaks section.

5. Click Save.

Link Outb	oreaks				? 🗏
OB No: 24	OB Name: Parent OTB	Disease: Measles	Etiologic Agent: -	OB Status: Open	
The Outbreak Links	s data has been saved.				

Screen refreshes and confirmation message 'The Outbreak Links data has been saved' displays.

9.1.2 Unlinking Child Outbreaks

1. After setting a **Parent Outbreak** in Context in the Outbreak Module, navigate to the **Left-Hand Navigation** menu and select **Link Outbreaks** under **Administration**.

Note: If the Parent Outbreak is unknown, a link to the Parent Outbreak can also be accessed through the Link Outbreaks page of the Child Outbreak.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH		ADMIN
Recent Work	Link Outb	reaks					(?)
Outbreak							Ű L
Notes			-				
Document Management	OB No: 24	OB Name: Parent OTB	Disease: Measles	Etiologi -	ic Agent:	OB Status: Open	
Communication Templates							
Reporting & Analysis	Parent Outbrea	k Diseases				ጵ Hid	le Parent Outbreak Diseases
Notifications	ons						
Communications Log	Disease	Continuation Disease	scification Authority	Etiologic	Agont	Eni Markore	ah Confirmed?
- Administration	Masslas (Prodomi	nant) Nat	ional	Etiologic	Agent		Lab Commed P
Link Outbreaks	Measles (Fredomi	inant) inat	lonal				JIKHOWH
Disease Classifications							
Disease Properties							
Microorganism Properties	Linked Outbrea	ks					Alide Linked Outbreaks
▶ Presets						Click Outbreak ID	to view Outbreak Summary
	Row Actions:	nLink Classify Inves	stigations			Link	assify All Investigations
	Outbreak	D Outbreak	Name Pred	dominant Disease	Primary	Investigator	Date Linked
	16	Measles Of	3 Meas	les	🔁 Xie, L	auren	2018 Sep 11
			I		1		
							Save Reset

The Link Outbreaks page displays.

2. Select the radio button next to the child outbreak to be unlinked and then click **UnLink**.

ink Outb	reaks						0	1
OB No: 24	OB Nam Parent O	e: D TB N	Disease: Measles	Etiologic Agent	Ŀ	OB Sta Open	atus:	
arent Outbrea	ak Diseases						☆ Hide Parent Outbreak Dis	seas
Encounter Group	: Communicable E	Disease Investigation						
Disease		Classification Aut	hority	Etiologic Agent		Epi Markers	Lab Confirmed?	
Measles (Predom	Measles (Predominant)						Unknown	
inked Outbre.	aks						☆ Hide Linked Out	brea
						Click Outbre	eak ID to view Outbreak Sur	nma
Row Actions:	UnLink Classify	y Investigations				Link	Classify All Investigati	ons
Outbreak	ID Out	break Name	Predominant Dis	ease	Primar	y Investigator	Date Linked	
							Save	Res

The child outbreak is disassociated from the parent, and the Link Outbreaks screen updates with the unlinked child outbreak removed.

3. Click Save.



Link Out	breaks				0 🗏
OB No: 24	OB Name: Parent OTB	Disease: Measles	Etiologic Agent: -	OB Status: Open	
The Workgroup Ac The Outbreak Link	dministrator(s) of the unlinked C ks data has been saved.	hild Outbreak Teams are s	till members of the Parent Outbreak	Team. They may be removed mar	nually.

9.2 Outbreak Presets

9.2.1 Preset Interventions

The Record Unidentified Interventions screen is used to record aggregate counts of interventions for cases that have not been added to Panorama as identified clients and investigations. The counts are recorded by outbreak group for interventions identified on the **Intervention Presets** screen.

The counts recorded here display on the **Intervention Summary** screen along with counts of interventions for identified investigations.

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Interventions under Presets.

	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN		
Recent Work Search Outbreak	Interventio	on Presets					0	≞,	
Notes ▶ Document Management	OB No: <u>16</u>	OB Name: Measles OB	Disease Measles	: Etiolo Meas	es virus	OB Status: Open			
Reporting & Analysis Notifications	*Required field Outbreak-Defin	Required field Outbreak-Defined Interventions							
Communications Log Administration Link Outbreaks Disease Classifications Disease Properties Microorganism Properties " Presets Sions & Symptoms	* Intervention Typ * Intervention Sub * Disease: * Authority: * Classification(s)	e: Exclusion Type: WorkVoli Measles National : Case - Not Case - Not Case - Pro Contact - D Contact - D	inteer/Reside - health c i i firmed t a Case son Under Investigation bable Vot a Contact accontact accontact	are setting 🔹					
Complications Interventions	Row Actions: R	eactivate Inactivate	ion SubType Dise	ease Authority	Add Classification(s)	Show Activ	Show All		

The Intervention Presets screen displays.

- 2. Select an Intervention Type.
- 3. Select an Intervention Subtype.
- 4. Select one or more Classifications.
- 5. Click the **Add** button to add the selected Intervention to the summary table. A row will be added for each classification selected.



Intervention Type	Intervention SubType	Disease 💙	Authority V	Classification(s)	Last Activated	Inactivated
Exclusion	Work/Volunteer/Reside - health care setting	Measles	National	Case - Confirmed	2018 Aug 23 14:44 ADT	-

6. Click Save to save the Intervention as a Preset.

Interventio	on Presets				0 🗏
OB No: 16	OB Name: Measles OB	Disease: Measles	Etiologic Agent: Measles virus	OB Status: Open	
Outbreak Intervention	on Preset(s) successfully saved	ł			

Screen refreshes and confirmation message "Outcome Intervention Preset(s) successfully saved" displays. Unidentified counts can now be added to the preset.

9.2.2 Preset Signs & Symptoms

The Signs and Symptoms Presets page enables users to add preset signs and symptoms for an outbreak, which results in investigators seeing the preset sign and symptoms when adding signs and symptoms for the investigation. Investigators can then enter a response for each present sign and symptom and add additional signs and symptoms as necessary. This supports the communication of non-typical signs or symptoms for that disease that should be collected because of the outbreak that the investigation is linked to.

1. After setting an Outbreak in Context in the Outbreak Module, navigate to the Left-Hand Navigation menu and select Signs and Symptoms under Administration.



	WORK MGMNT	INVESTIGATIONS	OUTBREAKS	IMMUNIZATION	FAMILY HEALTH	INVENTORY	ADMIN
Recent Work	Signe & Sy	motome D	rocote				
Search	Signs & Sy		65615				0 H
Outbreak							
Notes	OR No:	OB Name:	Disease	- Etiolog	ic Acont:	OB Statue:	
Document Management	<u>16</u>	Measles OB	Measles	Measle	s virus	Open	
Communication Templates							
Reporting & Analysis	Outbreak-Define	d Signs & Sympto	oms				
Notifications	Disease Signs and	Symptoms:					
Communications Log							
- Administration Asymptomatic		Conjunctivitis	Conjunctivitis				
Link Outbreaks	Cough		Diarrhea	Diarrhea Encephalitis			
Disease Classifications	Fever		Hearing loss	Hearing loss Intellectual disabili		ty	
Disease Properties	Koplik spots		Leucopenia	Leucopenia Maculopapular ra		h	
Microorganism Properties	Myalgia		Otitis media	Otitis media Pr		Pharyngitis	
✓ Presets	Pneumonia		Seizures	Seizures			
Signs & Symptoms							
	+ Sign and Sumpto						
Interventions	" Sign and Sympton	Dizziness				<u> </u>	
	* Other Sign and S	ymptom:					
							Add Clear

The Signs and Symptoms Presets screen displays.

Note: The Signs and Symptoms displayed in the Outbreak-Defined Signs & Symptoms section are for information purposes only.

Follow the steps below to add a Sign and Symptom preset to your Outbreak.

2. Select a **Sign** and **Symptom**. Click the **Add** button to add the selected **Sign** and **Symptom** preset.

Row	Actions: Reactivate Inactivate		Show Active Show All						
	Sign and Symptom	Last Activated	Inactivated						
0	Dizziness	2018 Aug 23 13:09:55 ADT	-						
			Save Reset						

The added Sign and Symptom will then display in the Sign and Symptom table.

3. Click Save.



Signs & Symptoms Presets

OB No: 16	OB Name: Disease: Etiolo Measles OB Measles Measl		Etiologic Agent: Measles virus	OB Status: Open		
Dutbreak Sign and Sym	ptom Preset(s) successfully	/ saved				
Outbreak-Defined	Signs & Symptoms					
Disease Signs and Sy	mptoms:					
Asymptomatic Conjunctivitis		Conjunctivitis	Coryza			
Cough	Diarrhea		Encephalitis	Encephalitis		
Fever	ever Hearing loss		Intellectual disa	Intellectual disability		
Koplik spots		Leucopenia		rash		
Myalgia		Otitis media	Pharyngitis			
Pneumonia		Seizures				
* Sign and Symptom:				\$		
* Other Sign and Sym	nptom:					
				Add Clear		
Row Actions: Read	tivate Inactivate			Show Active Show All		
Sign and Sym	ptom	Last Activa	ted	Inactivated		
Dizziness		2018 Aug 23	3 13:09:55 ADT	_		

Screen refreshes and confirmation message "Outbreak Sign and Symptom Preset(s) successfully saved" displays. Unidentified counts can now be recorded for the preset.

4. Click the **Show All** button to view all preset signs and symptoms or click the **Show Active** button to view only the Active Preset Signs and Symptoms.

Screen refreshes and confirmation messages display.